

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110158.D
 Acq On : 25 Oct 2018 13:39
 Operator : JU/SJ
 Sample : J5618-06MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:25:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	153388	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	628305	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	289751	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	506155	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	263632	20.00	ng	-0.01
87) Perylene-d12	15.67	264	259352	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	809556	85.95	ng	0.00
7) Phenol-d6	6.59	99	1039962	86.32	ng	-0.01
23) Nitrobenzene-d5	7.53	82	647707	61.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	248137	86.45	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1160363	62.88	ng	-0.01
79) Terphenyl-d14	13.09	244	939445	74.11	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.89	88	98386	19.936	ng	91
3) Pyridine	3.66	79	259320	23.592	ng	88
4) n-Nitrosodimethylamine	3.61	42	139640	30.323	ng	93
6) Aniline	6.63	93	230319	14.675	ng	# 52
8) 2-Chlorophenol	6.75	128	307917	28.354	ng	97
9) Benzaldehyde	6.52	77	160284	19.788	ng	94
10) Phenol	6.60	94	439563	34.132	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	284757	26.876	ng	92
12) 1,3-Dichlorobenzene	6.91	146	319140	26.704	ng	95
13) 1,4-Dichlorobenzene	6.99	146	322747	26.703	ng	99
14) 1,2-Dichlorobenzene	7.14	146	301150	26.840	ng	99
15) Benzyl Alcohol	7.10	79	268346	28.959	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.23	45	468178	27.636	ng	68
17) 2-Methylphenol	7.21	107	251031	29.005	ng	# 80
18) Hexachloroethane	7.48	117	116972	26.434	ng	99
19) n-Nitroso-di-n-propylamine	7.37	70	205657	26.608	ng	95
20) 3+4-Methylphenols	7.36	107	317390	28.371	ng	96
22) Acetophenone	7.37	105	416899	28.796	ng	# 97
24) Nitrobenzene	7.55	77	315011	28.804	ng	93
25) Isophorone	7.79	82	572530	31.707	ng	95
26) 2-Nitrophenol	7.86	139	154331	29.654	ng	97
27) 2,4-Dimethylphenol	7.89	122	274197	31.778	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	364292	29.698	ng	99
29) 2,4-Dichlorophenol	8.10	162	251706	28.874	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	272557	27.914	ng	96
31) Naphthalene	8.27	128	884148	30.532	ng	99
32) Benzoic acid	7.97	122	64937	9.737	ng	92
33) 4-Chloroaniline	8.32	127	86631	6.647	ng	98
34) Hexachlorobutadiene	8.38	225	145131	26.769	ng	99
35) Caprolactam	8.72	113	36878	12.138	ng	90
36) 4-Chloro-3-methylphenol	8.80	107	268773	28.512	ng	95
37) 2-Methylnaphthalene	8.96	142	599508	31.290	ng	99
38) 1-Methylnaphthalene	9.06	142	562207	30.365	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	255551	28.306	ng	98

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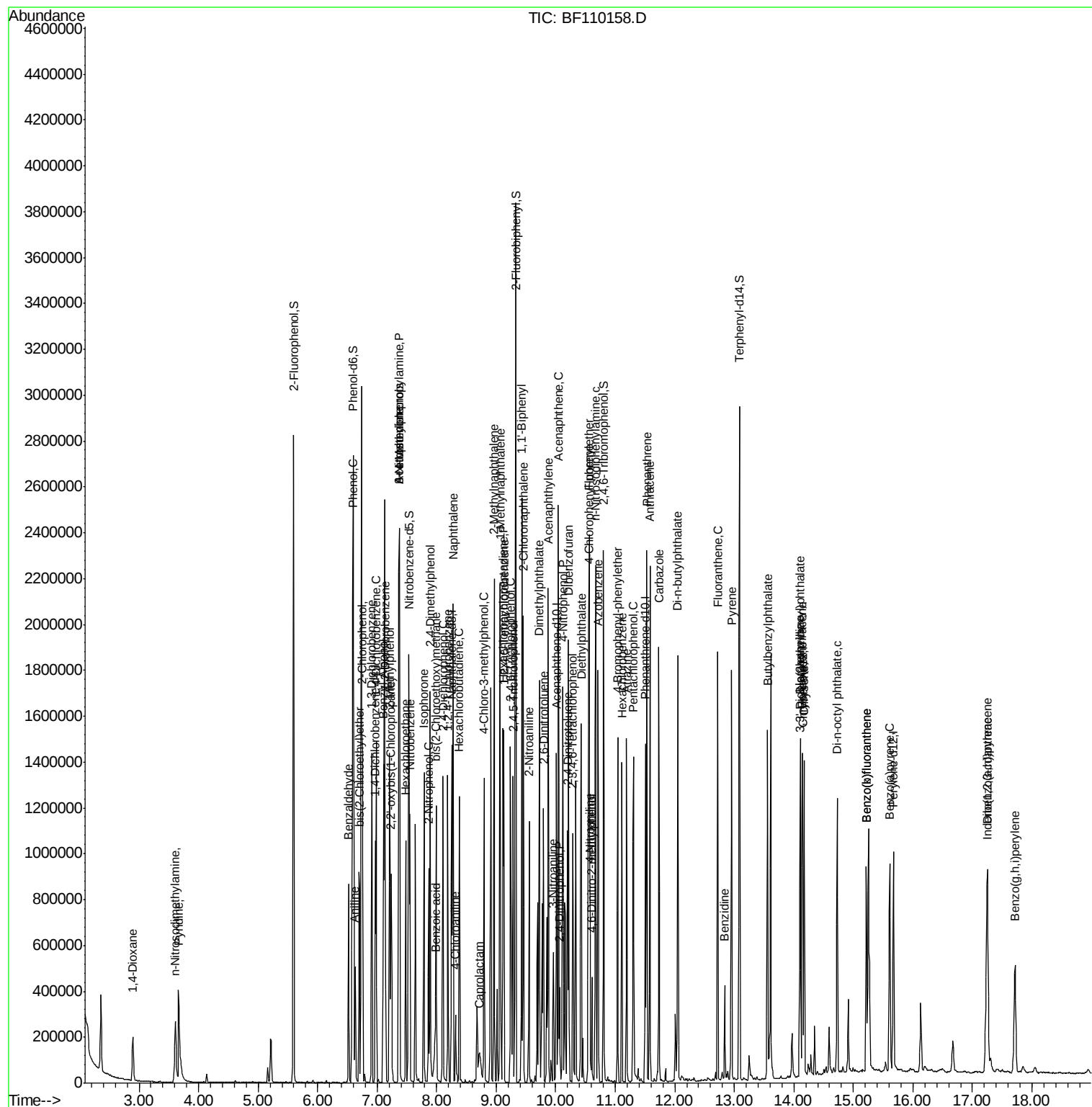
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	224163	48.558	ng	96
43) 2,4,6-Trichlorophenol	9.24	196	170823	29.336	ng	97
44) 2,4,5-Trichlorophenol	9.28	196	183815	29.864	ng	96
46) 1,1'-Biphenyl	9.43	154	723157	27.599	ng	100
47) 2-Chloronaphthalene	9.46	162	544249	28.317	ng	99
48) 2-Nitroaniline	9.55	65	168788	28.980	ng	92
49) Acenaphthylene	9.87	152	844522	30.422	ng	98
50) Dimethylphthalate	9.73	163	763634	35.703	ng	100
51) 2,6-Dinitrotoluene	9.79	165	137863	29.923	ng	91
52) Acenaphthene	10.05	154	535270	29.146	ng	98
53) 3-Nitroaniline	9.96	138	87802	16.026	ng	83
54) 2,4-Dinitrophenol	10.07	184	46651	29.038	ng	85
55) Dibenzofuran	10.22	168	738613	28.726	ng	98
56) 4-Nitrophenol	10.12	139	287907	71.001	ng	96
57) 2,4-Dinitrotoluene	10.20	165	179224	30.626	ng	# 85
58) Fluorene	10.56	166	577322	30.169	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	137691	27.445	ng	96
60) Diethylphthalate	10.43	149	612903	29.355	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	277044	27.444	ng	98
62) 4-Nitroaniline	10.58	138	127404	23.380	ng	90
63) Azobenzene	10.71	77	583365	28.149	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	46512	20.113	ng	87
66) n-Nitrosodiphenylamine	10.67	169	504916	30.413	ng	97
67) 4-Bromophenyl-phenylether	11.04	248	163539	29.787	ng	92
68) Hexachlorobenzene	11.11	284	167148	28.693	ng	95
69) Atrazine	11.19	200	159875	30.472	ng	98
70) Pentachlorophenol	11.30	266	148647	43.760	ng	96
71) Phenanthrene	11.53	178	826688	31.214	ng	100
72) Anthracene	11.58	178	828547	31.211	ng	100
73) Carbazole	11.73	167	680462	26.253	ng	100
74) Di-n-butylphthalate	12.05	149	892887	30.501	ng	99
75) Fluoranthene	12.72	202	723557	26.919	ng	99
77) Benzidine	12.84	184	161116	16.482	ng	97
78) Pyrene	12.95	202	689448	36.478	ng	98
80) Butylbenzylphthalate	13.56	149	284132	34.636	ng	97
81) Benzo(a)anthracene	14.14	228	480470	30.733	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	103228	18.962	ng	100
83) Chrysene	14.17	228	453892	30.567	ng	98
84) Bis(2-ethylhexyl)phthalate	14.11	149	365501	32.959	ng	95
85) Di-n-octyl phthalate	14.73	149	533454	30.937	ng	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	500916	40.663	ng	96
88) Benzo(b)fluoranthene	15.22	252	450512	30.081	ng	99
89) Benzo(k)fluoranthene	15.22	252	450512	30.598	ng	98
90) Benzo(a)pyrene	15.61	252	439727	31.908	ng	97
91) Dibenzo(a,h)anthracene	17.26	278	422536	35.534	ng	98
92) Benzo(g,h,i)perylene	17.72	276	399776	34.118	ng	97

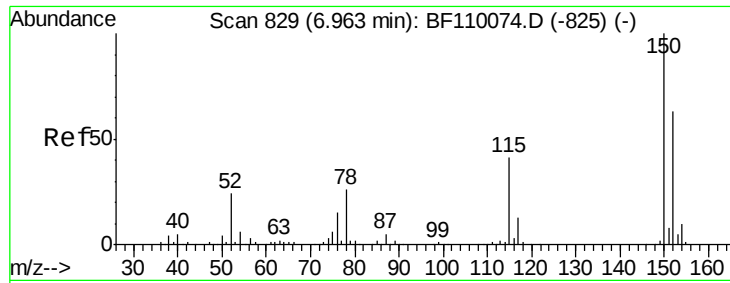
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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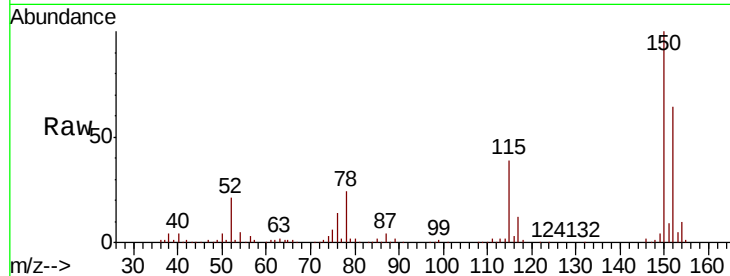


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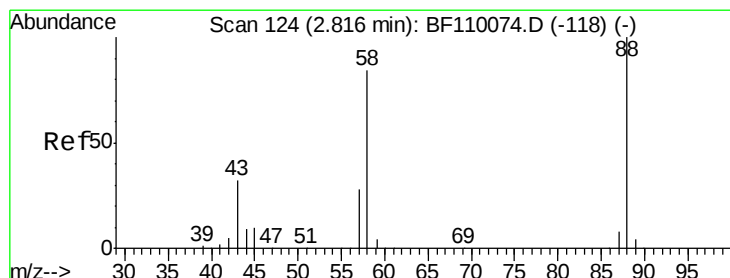
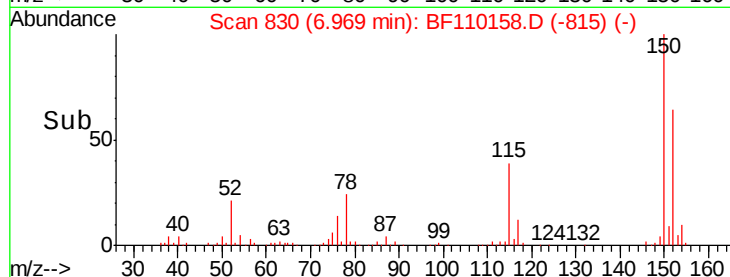
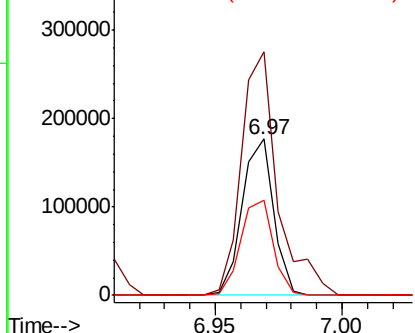
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153388
Ion Ratio Lower Upper
152 100
150 155.6 122.7 184.1
115 60.7 49.1 73.7



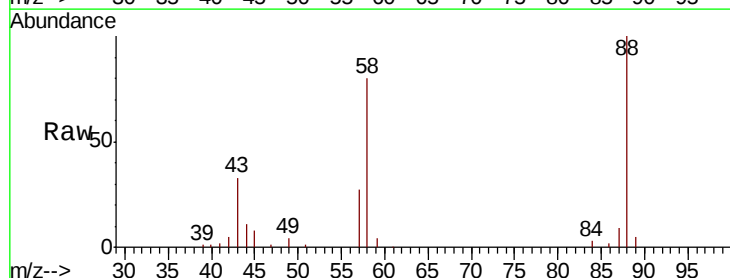
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



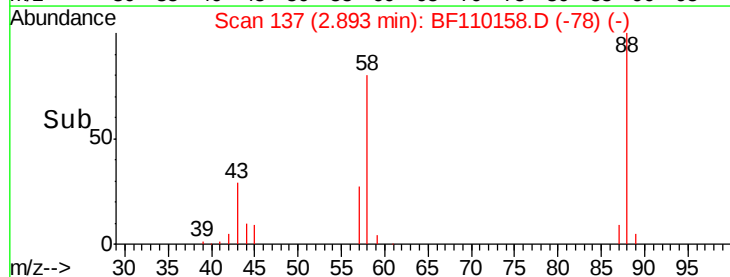
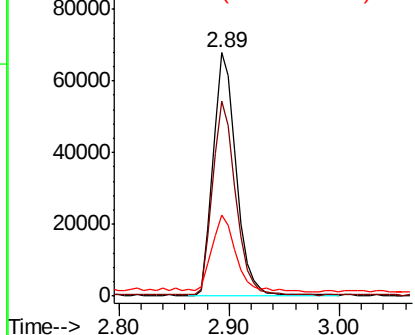
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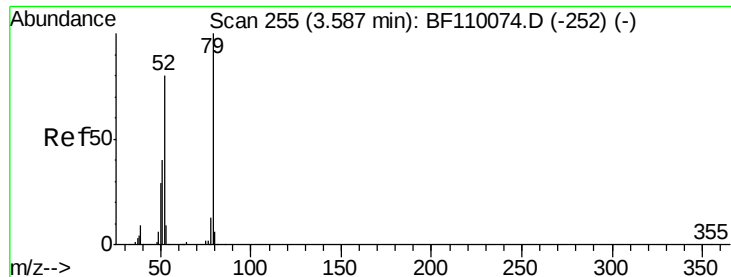
1,4-Dioxane
Concen: 19.936 ng
RT: 2.89 min Scan# 137
Delta R.T. 0.05 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Tgt Ion: 88 Resp: 98386
Ion Ratio Lower Upper
88 100
58 80.9 57.1 85.7
43 32.1 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 23.592 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.05 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

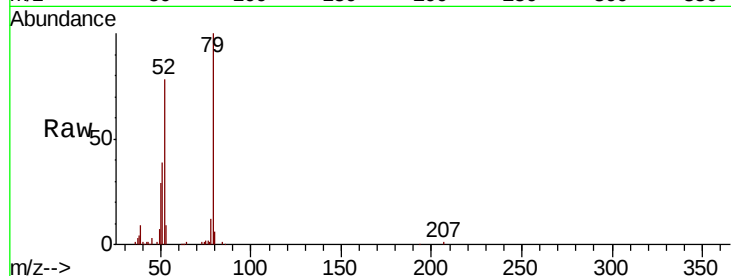
Tot Ion: 79 Resp: 259320

Ion Ratio Lower Upper

79 100

52 78.2 53.1 79.7

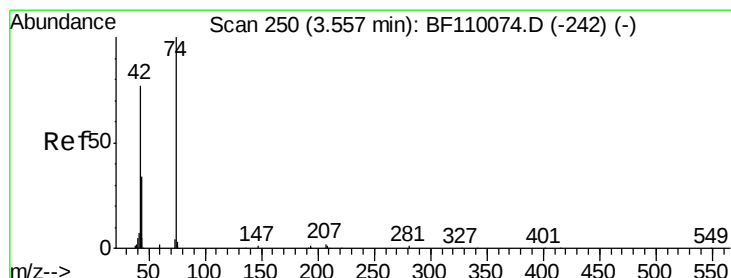
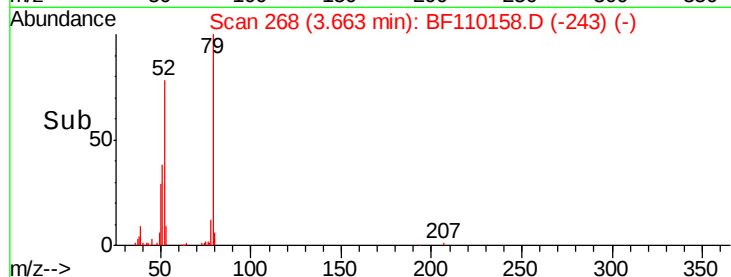
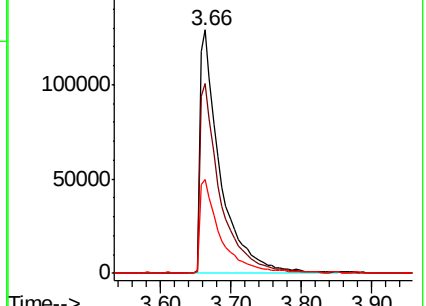
51 38.8 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 30.323 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.03 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

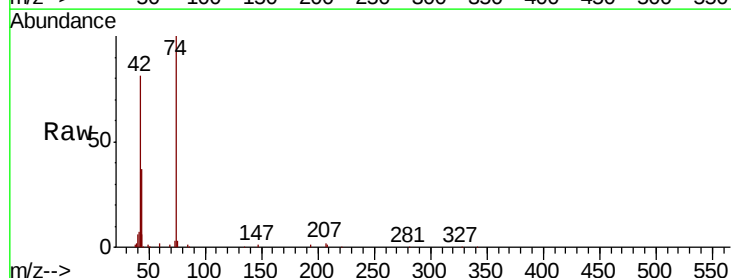
Tgt Ion: 42 Resp: 139640

Ion Ratio Lower Upper

42 100

74 123.1 105.5 158.3

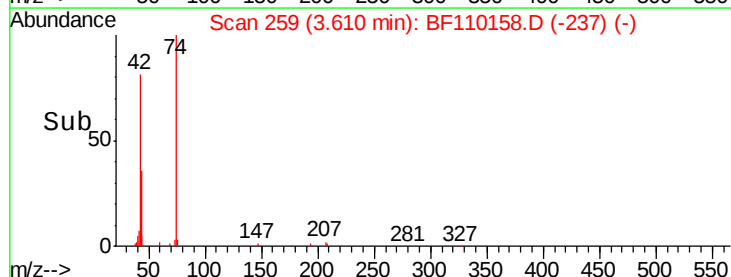
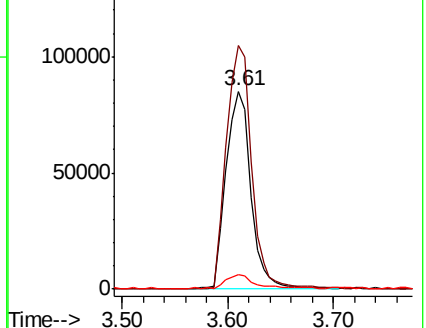
44 7.2 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.947 ng

RT: 5.60 min Scan# 597

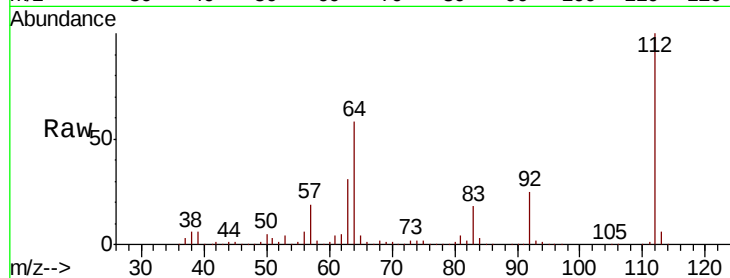
Delta R.T. 0.00 min

Lab File: BF110158.D

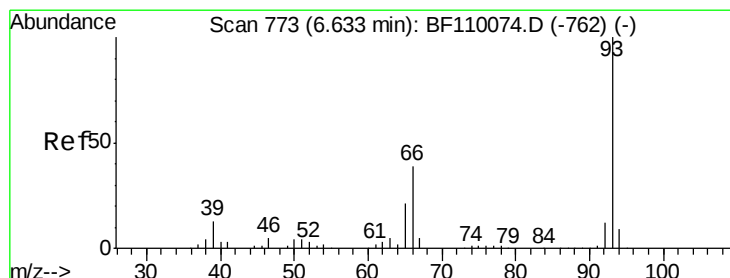
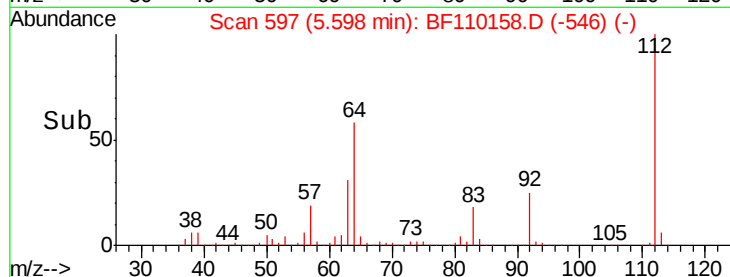
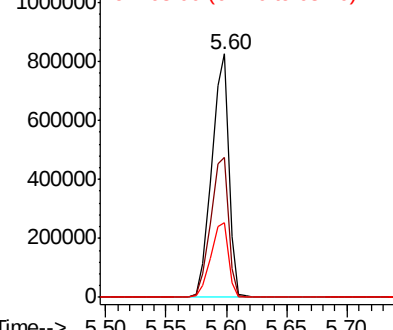
Acq: 25 Oct 2018 13:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	809556
Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.1	66.1
63	30.6	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.675 ng

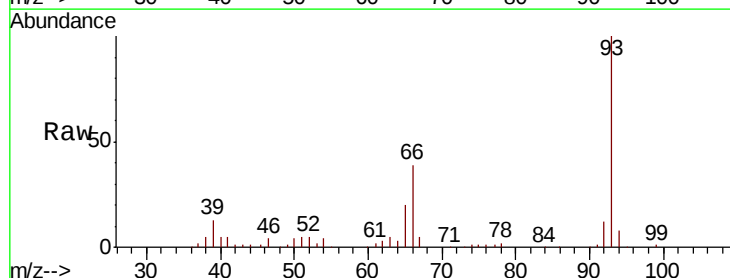
RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

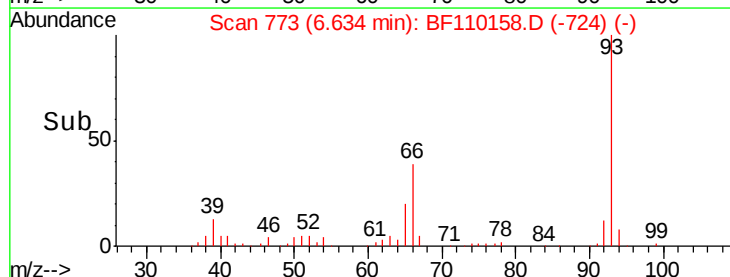
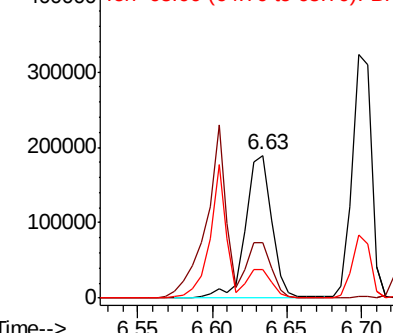
Lab File: BF110158.D

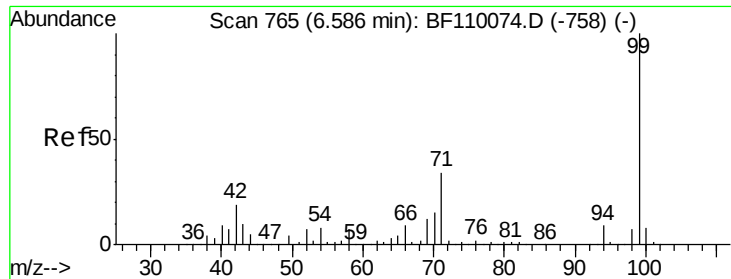
Acq: 25 Oct 2018 13:39

Tgt Ion:	93	Resp:	230319
Ion	Ratio	Lower	Upper
93	100		
66	38.8	67.4	101.0#
65	19.7	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.319 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampled :

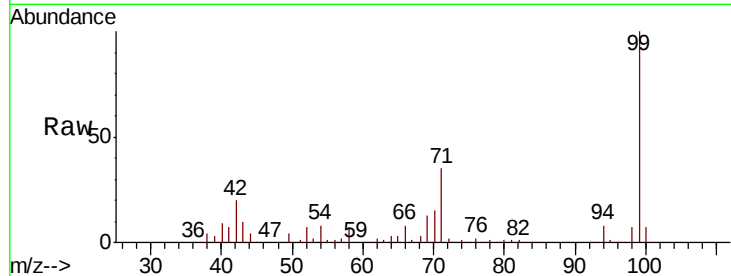
Tot Ion: 99 Resp: 1039962

Ion Ratio Lower Upper

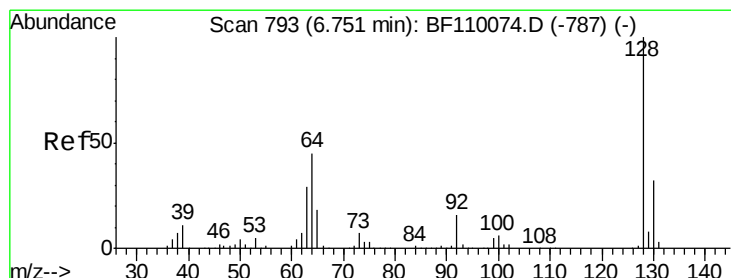
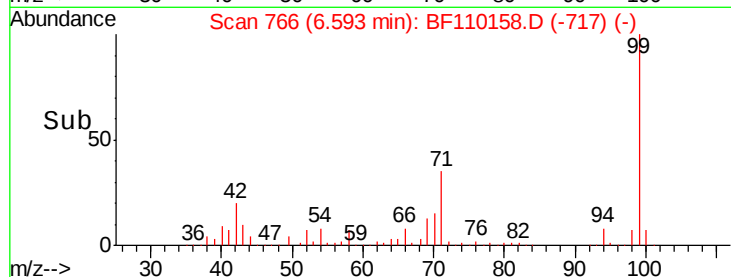
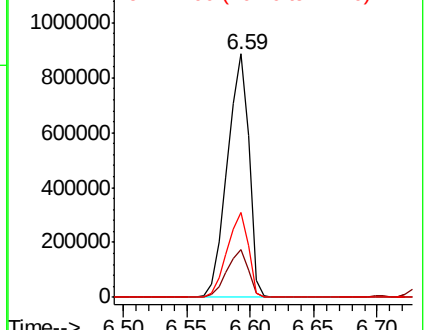
99 100

42 19.6 15.8 23.6

71 34.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 28.354 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

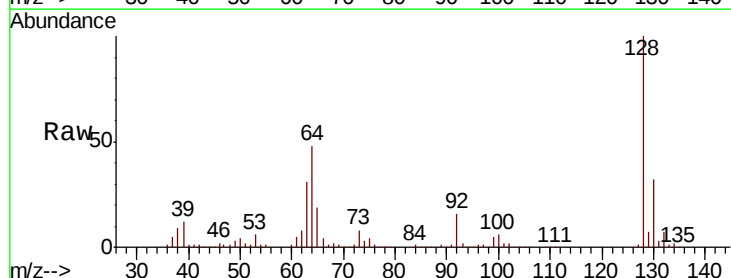
Tgt Ion: 128 Resp: 307917

Ion Ratio Lower Upper

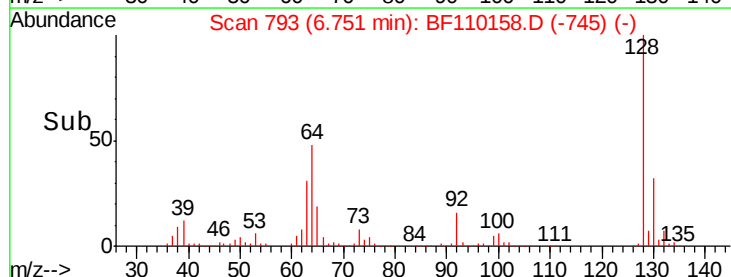
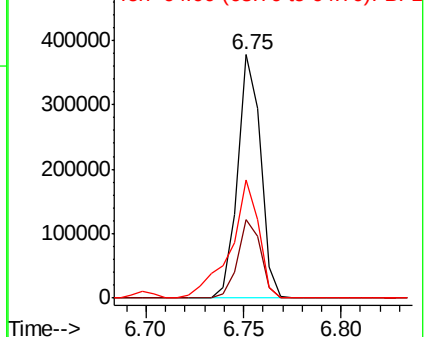
128 100

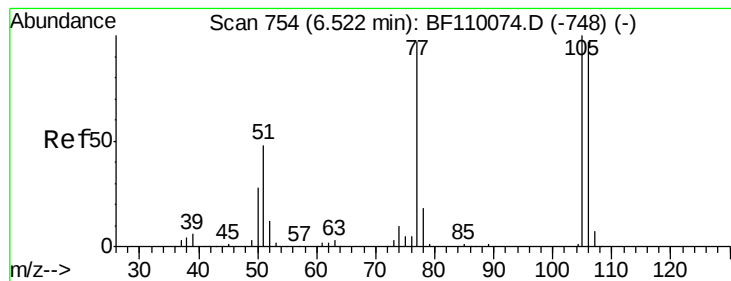
130 32.4 13.1 53.1

64 48.5 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.788 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

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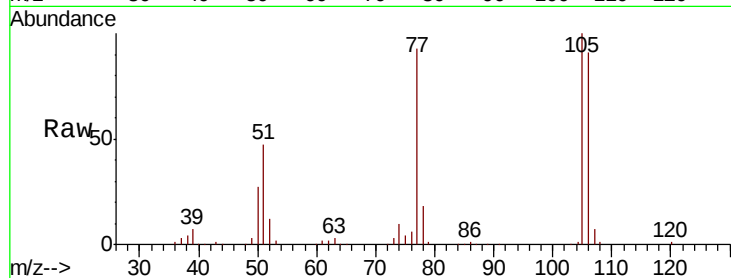
Tot Ion: 77 Resp: 160284

Ion Ratio Lower Upper

77 100

105 107.3 78.6 118.6

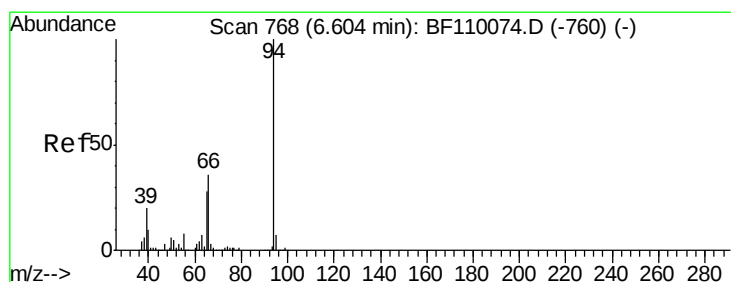
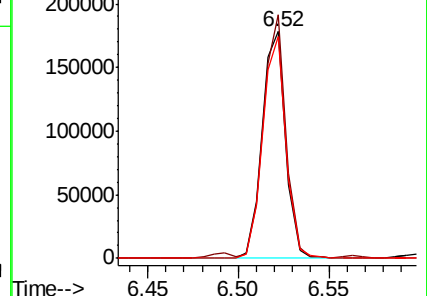
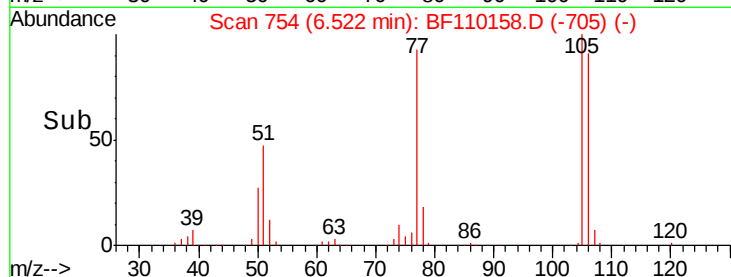
106 97.9 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.132 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

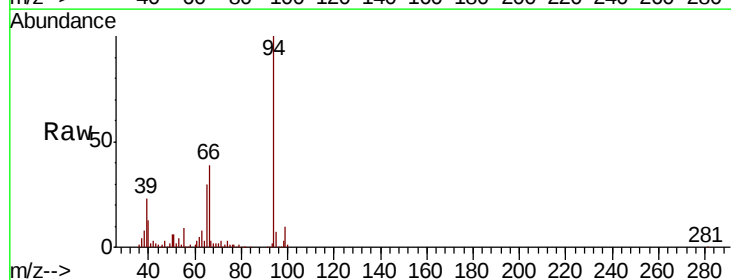
Tgt Ion: 94 Resp: 439563

Ion Ratio Lower Upper

94 100

65 29.9 25.3 65.3

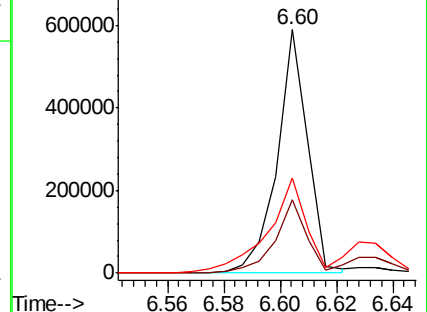
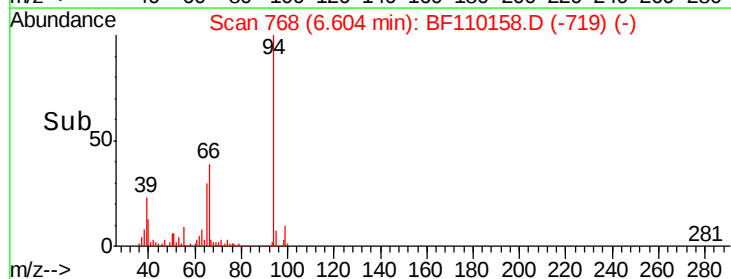
66 38.9 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

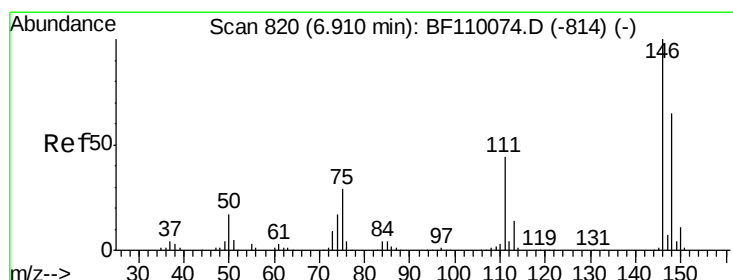
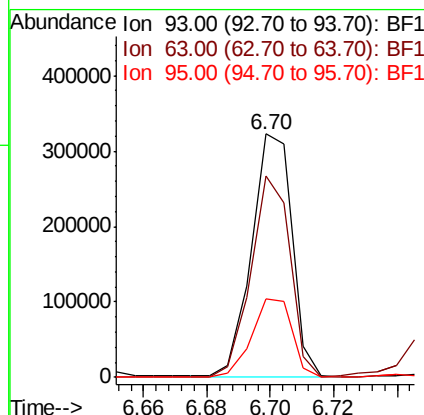
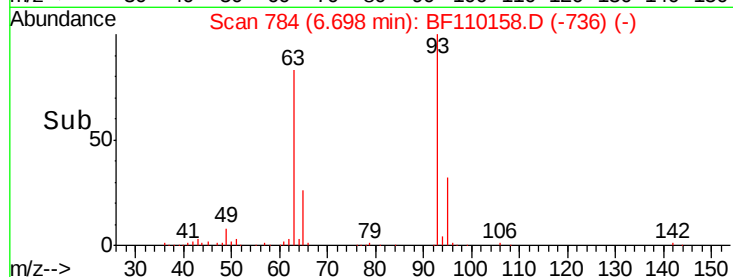
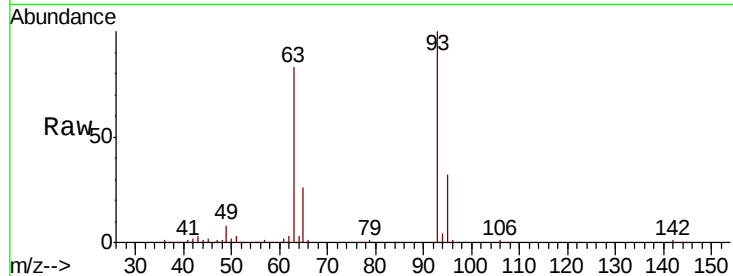




#11
bis(2-Chloroethyl)ether
Concen: 26.876 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

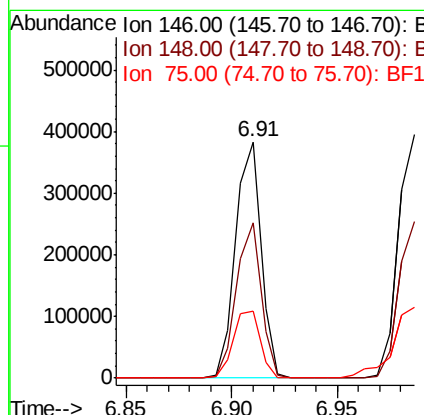
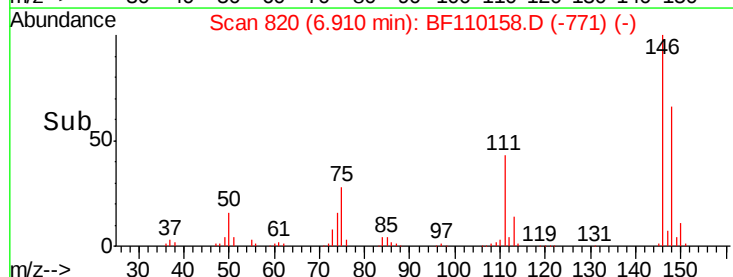
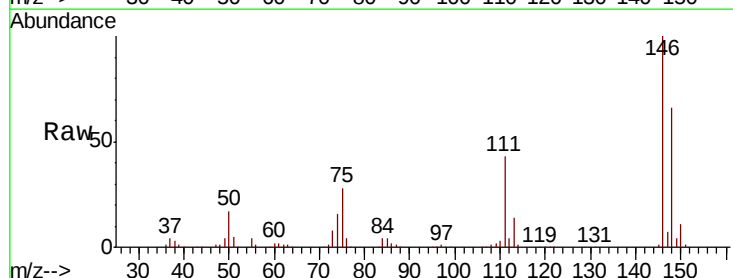
Instrument :
BNA_F
ClientSampleId :

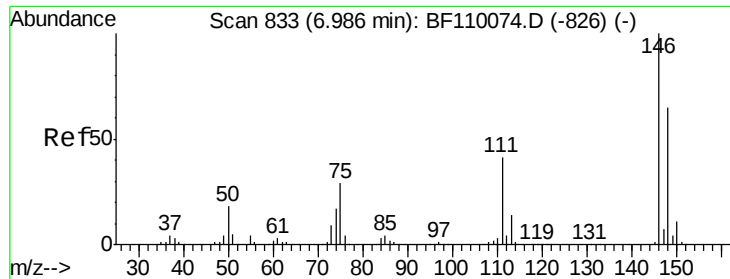
Tot Ion: 93 Resp: 284757
Ion Ratio Lower Upper
93 100
63 82.7 53.4 93.4
95 32.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 26.704 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Tgt Ion: 146 Resp: 319140
Ion Ratio Lower Upper
146 100
148 65.5 50.4 75.6
75 28.2 25.8 38.6

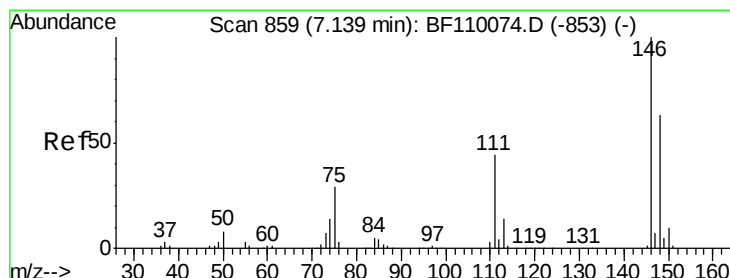
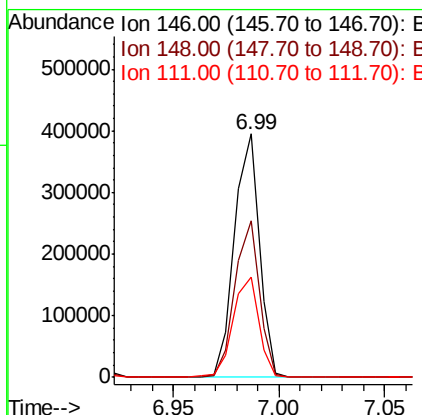
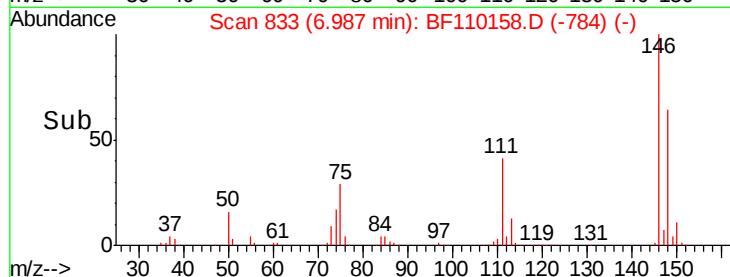
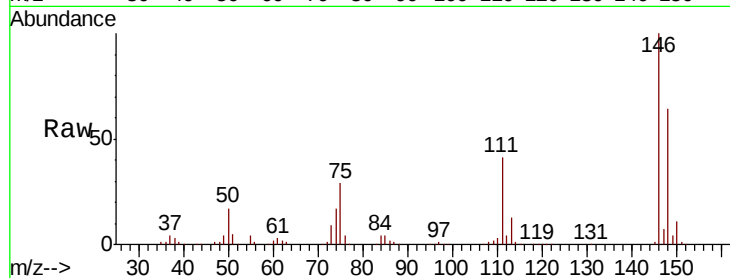




#13
 1,4-Dichlorobenzene
 Concen: 26.703 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110158.D
 Acq: 25 Oct 2018 13:39

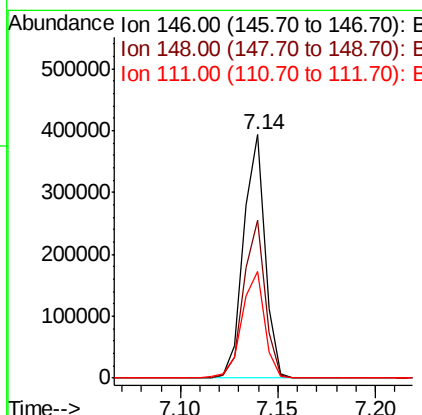
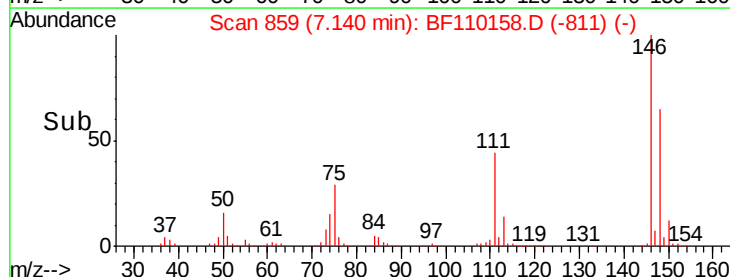
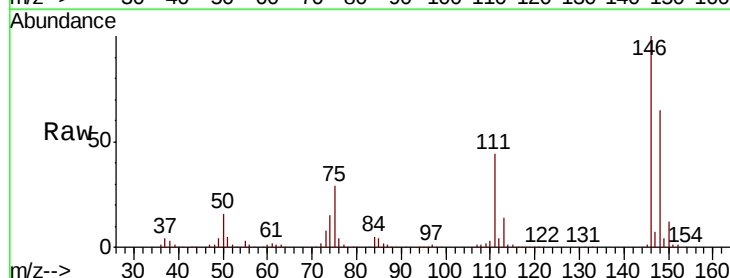
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	41.2	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 26.840 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110158.D
 Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	43.7	35.8	53.6





#15

Benzyl Alcohol

Concen: 28.959 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

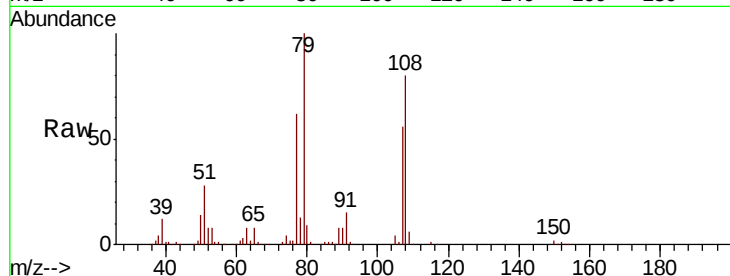
Tot Ion: 79 Resp: 268346

Ion Ratio Lower Upper

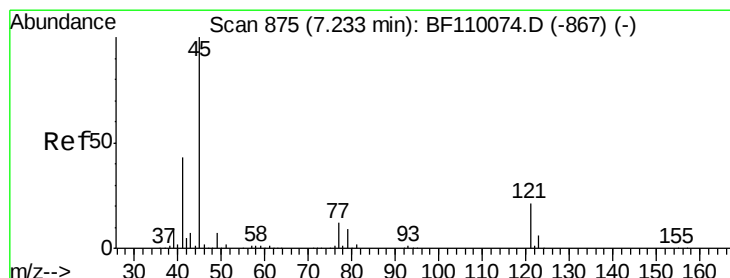
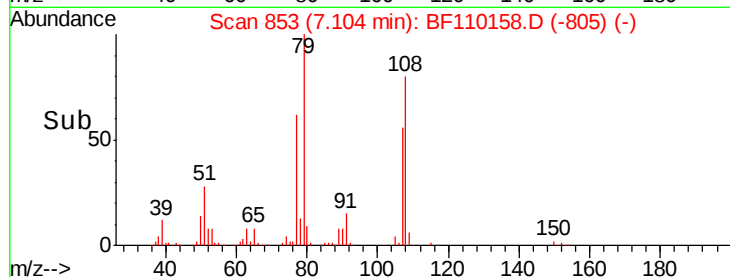
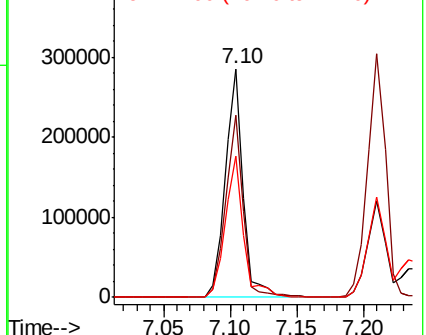
79 100

108 79.9 56.3 84.5

77 61.9 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.636 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

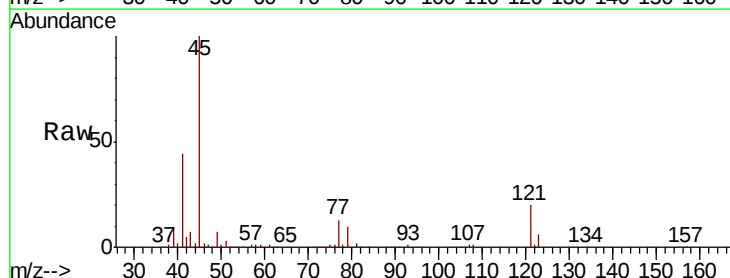
Tgt Ion: 45 Resp: 468178

Ion Ratio Lower Upper

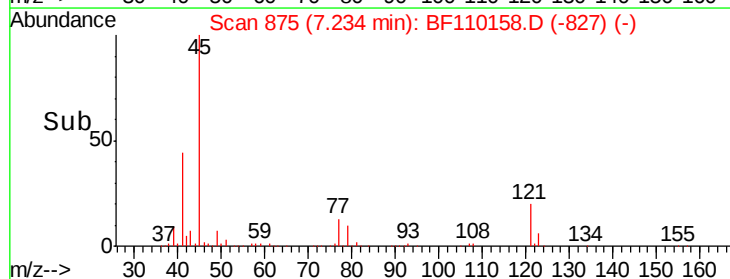
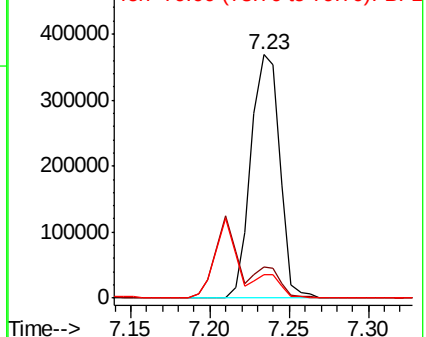
45 100

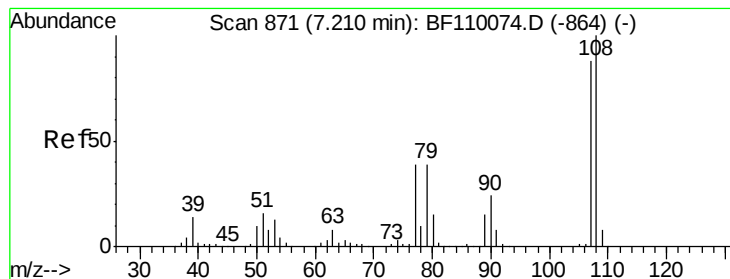
77 12.7 10.0 50.0

79 9.7 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 29.005 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 251031

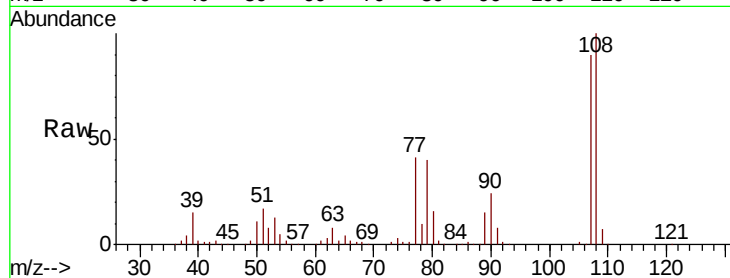
Ion Ratio Lower Upper

107 100

108 110.8 92.6 138.8

77 45.4 59.4 89.2#

79 43.9 54.0 81.0#

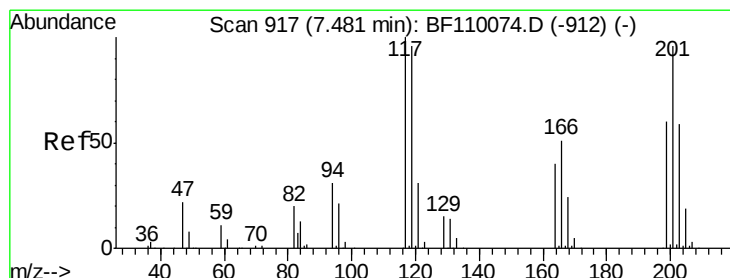
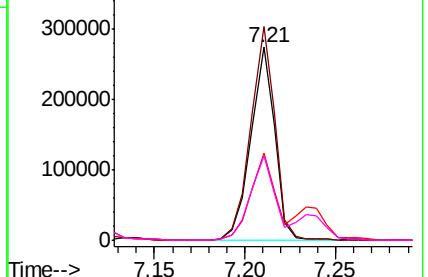
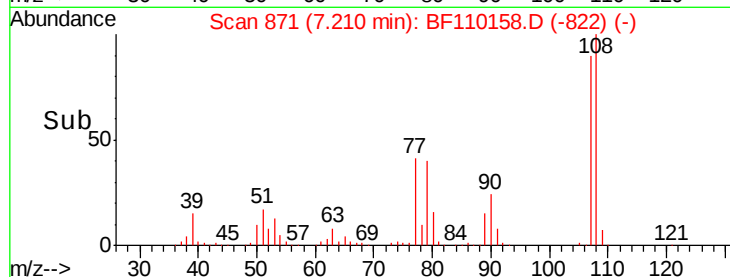


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 26.434 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

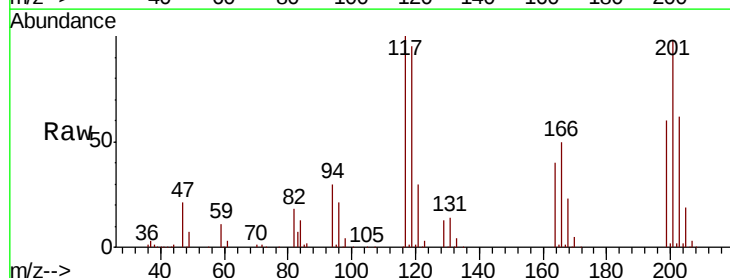
Tgt Ion:117 Resp: 116972

Ion Ratio Lower Upper

117 100

119 95.5 75.0 112.6

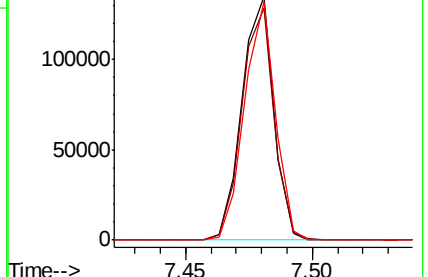
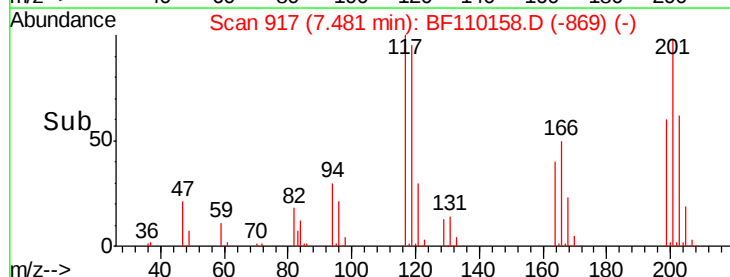
201 98.0 79.2 118.8

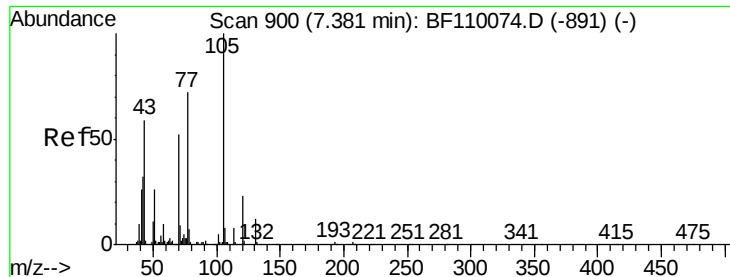


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 26.608 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 205657

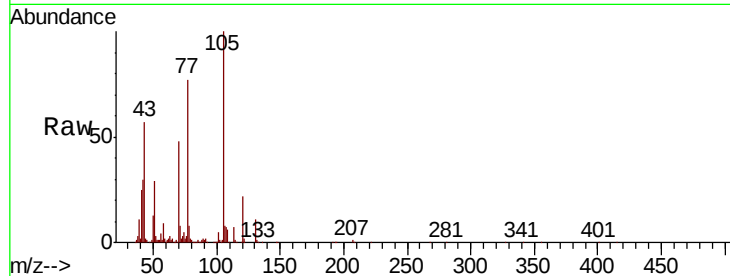
Ion Ratio Lower Upper

70 100

42 62.5 47.4 71.2

101 10.3 7.3 10.9

130 23.4 16.2 24.2

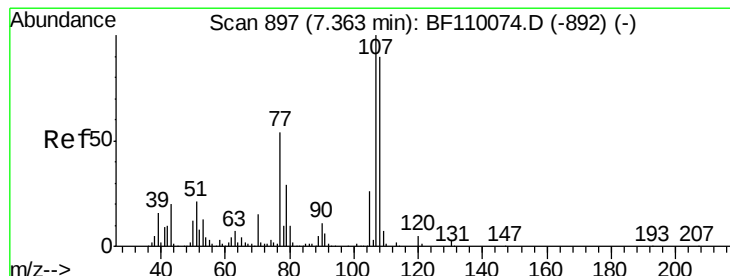
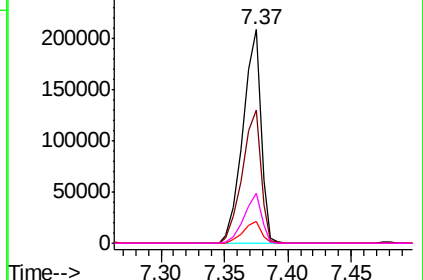
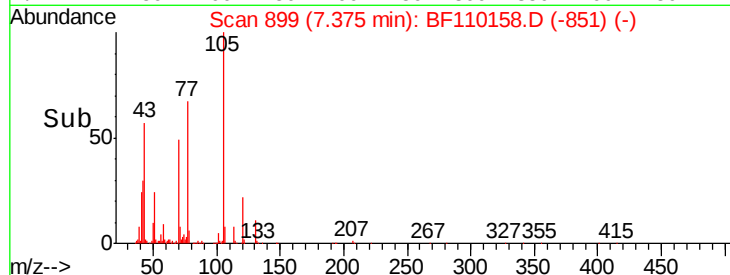


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 28.371 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Tgt Ion:107 Resp: 317390

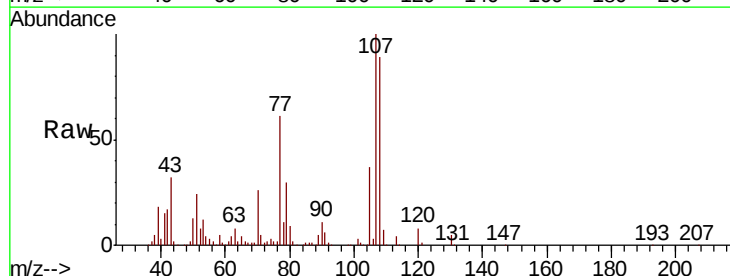
Ion Ratio Lower Upper

107 100

108 89.2 71.4 111.4

77 60.6 47.3 87.3

79 29.7 10.9 50.9

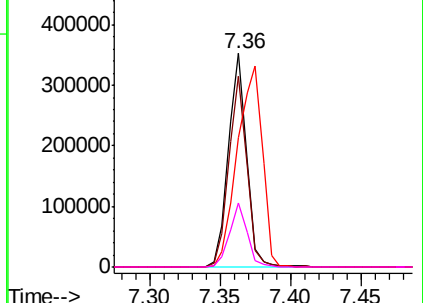
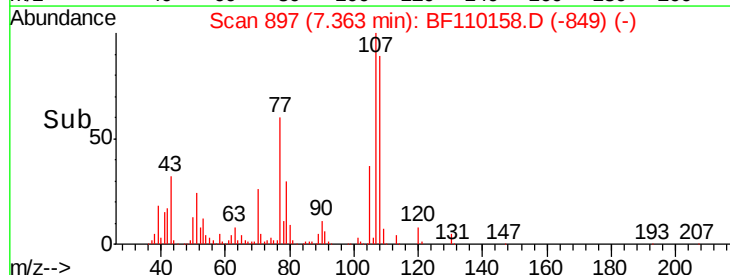


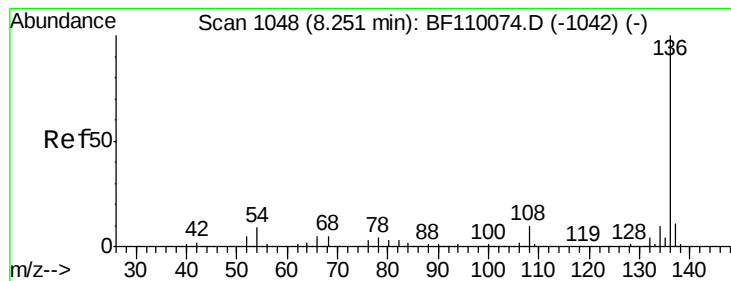
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 628305

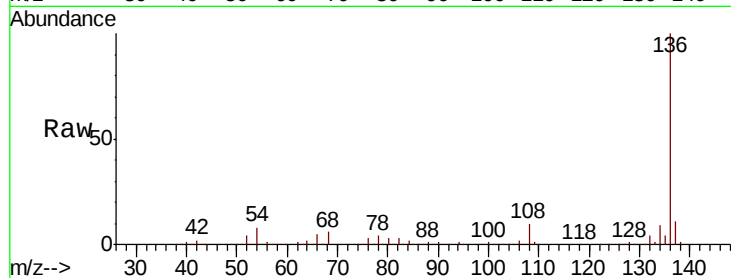
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.0 5.4 8.2

68 5.5 4.2 6.2

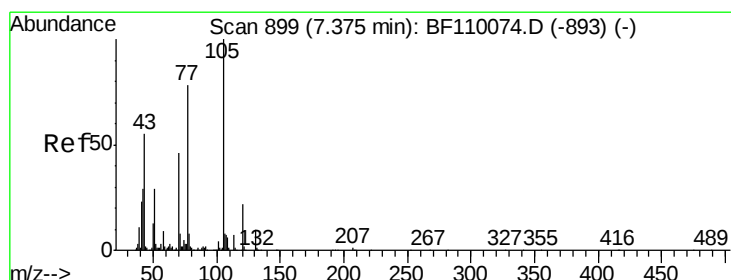
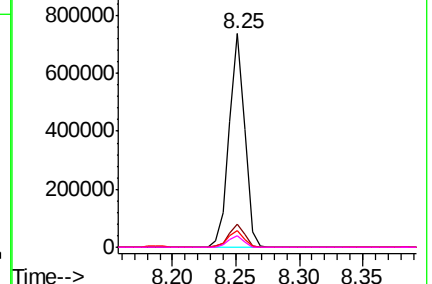
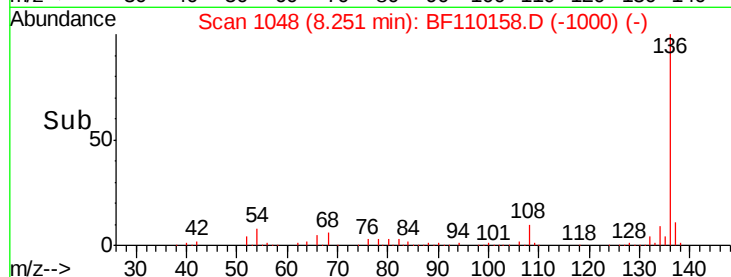


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 28.796 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Tgt Ion:105 Resp: 416899

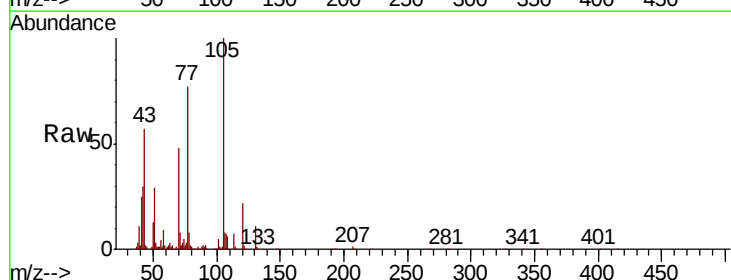
Ion Ratio Lower Upper

105 100

71 8.0 5.2 7.8#

51 29.0 21.8 32.8

120 22.0 17.0 25.4

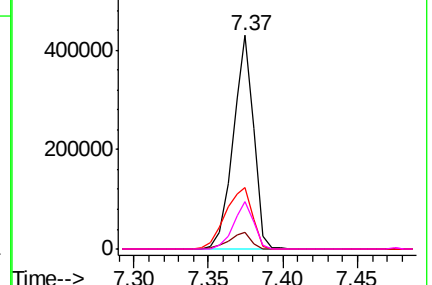
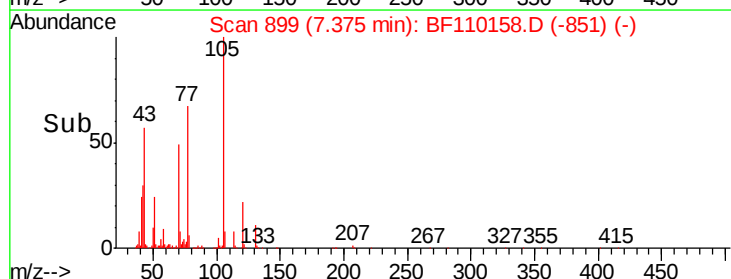


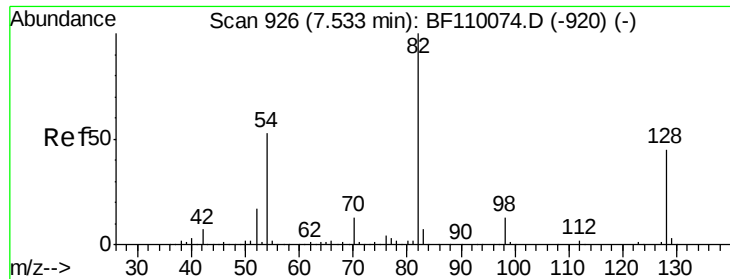
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

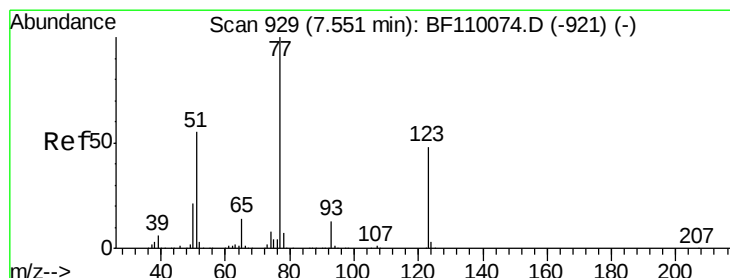
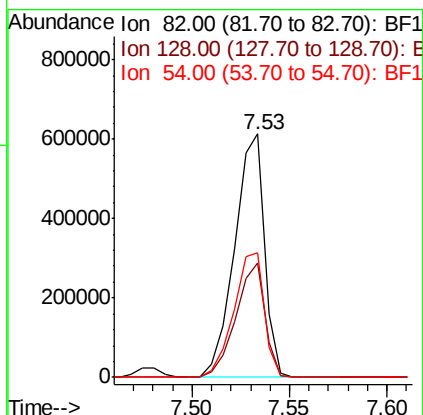
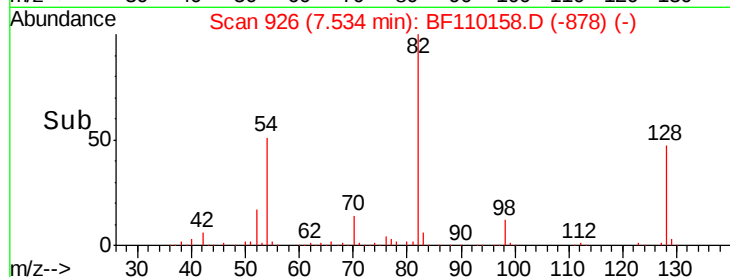
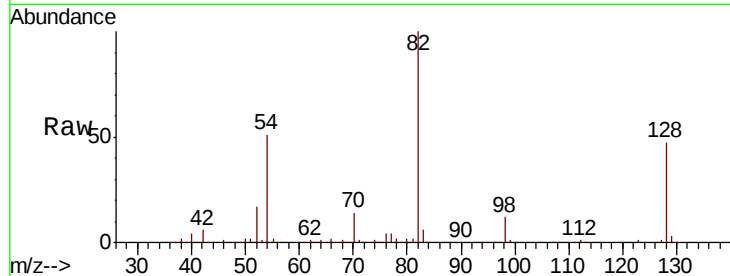




#23
 Nitrobenzene-d5
 Concen: 61.145 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110158.D
 Acq: 25 Oct 2018 13:39

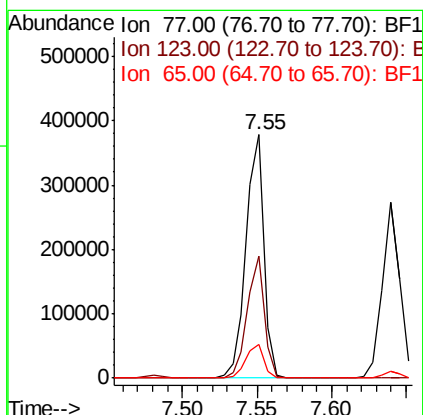
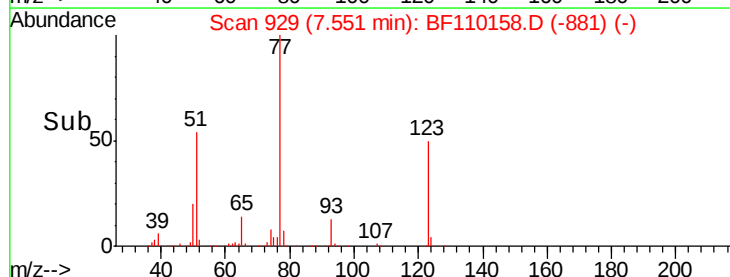
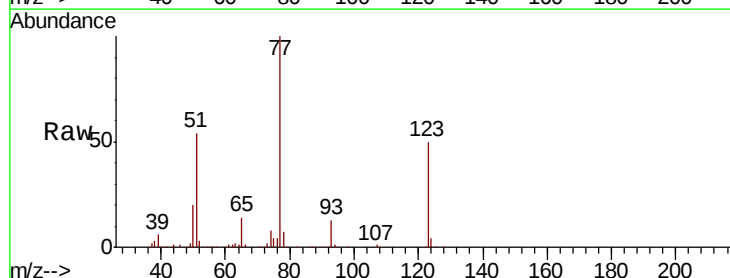
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	647707
Ion Ratio	Lower	Upper	
82	100		
128	46.8	34.2	51.2
54	51.2	38.6	58.0



#24
 Nitrobenzene
 Concen: 28.804 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110158.D
 Acq: 25 Oct 2018 13:39

Tgt Ion	77	Resp	315011
Ion Ratio	Lower	Upper	
77	100		
123	50.1	35.7	53.5
65	13.8	10.7	16.1

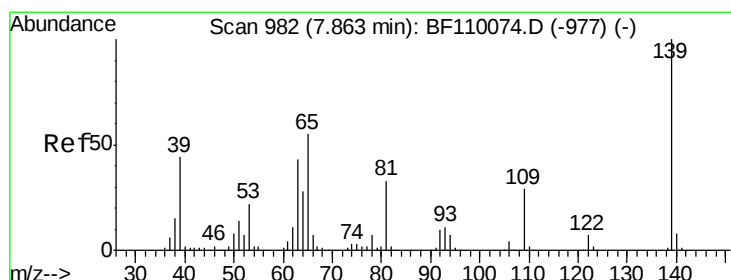
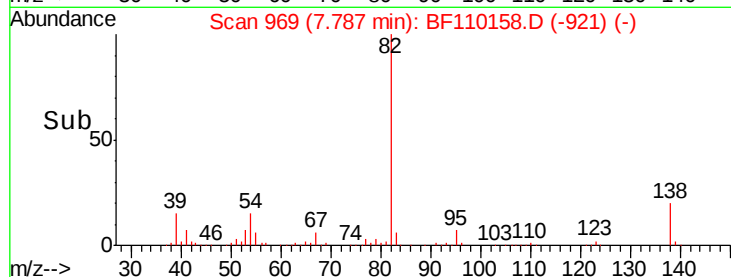
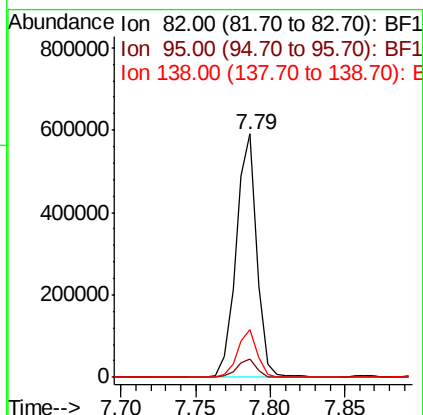
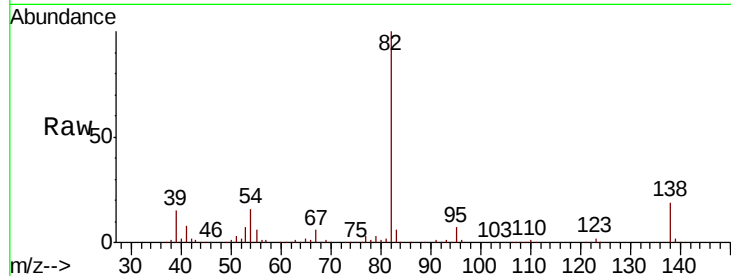




#25
Isophorone
Concen: 31.707 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

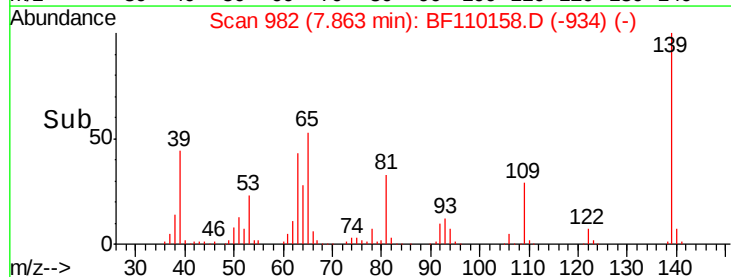
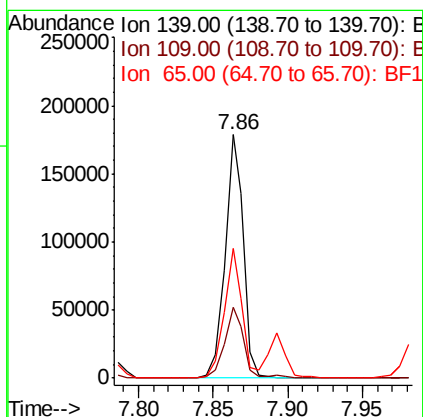
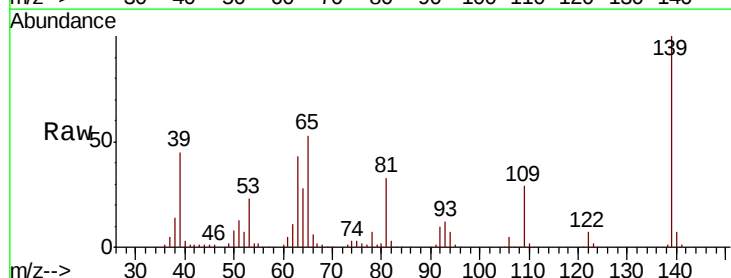
Instrument :
BNA_F
ClientSampleId :

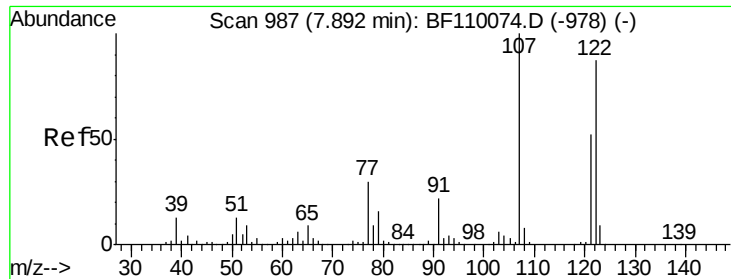
Tot Ion: 82 Resp: 572530
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.5 13.2 19.8



#26
2-Nitrophenol
Concen: 29.654 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Tgt Ion: 139 Resp: 154331
Ion Ratio Lower Upper
139 100
109 28.9 25.0 37.6
65 53.2 44.0 66.0

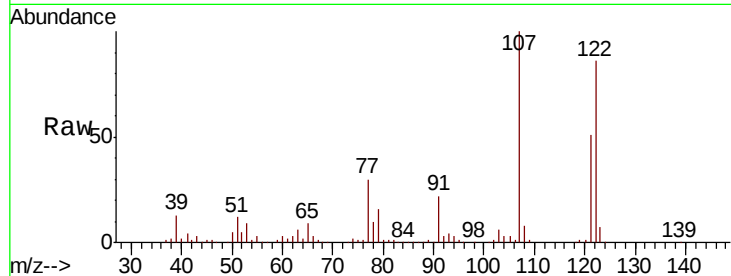




#27
2,4-Dimethylphenol
Concen: 31.778 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	116.1	92.5	138.7	
121	59.3	45.8	68.8	

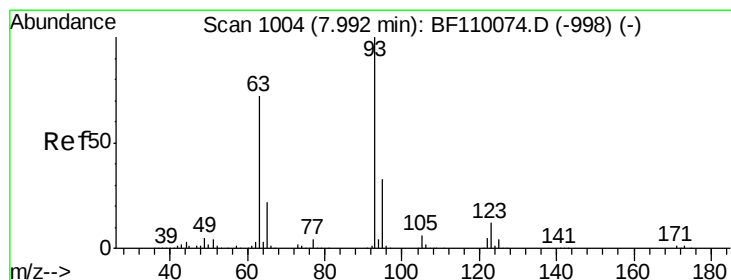
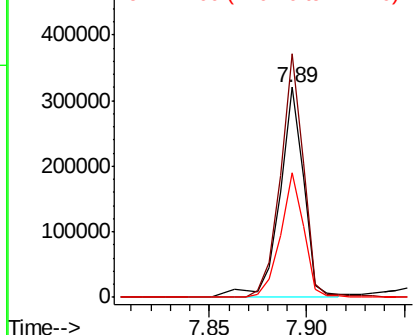
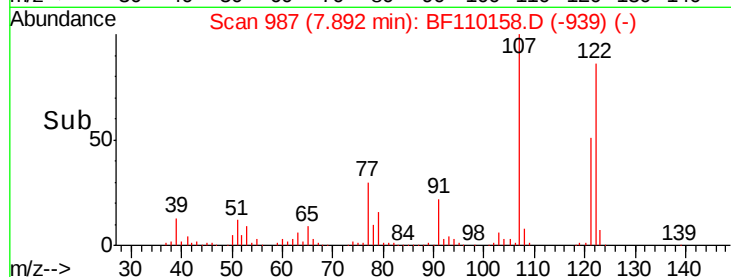


Abundance

Ion 122.00 (121.70 to 122.70): E

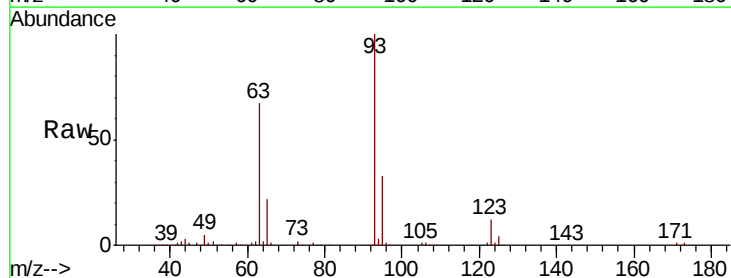
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 29.698 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	32.7	26.4	39.6	
123	11.6	9.0	13.6	

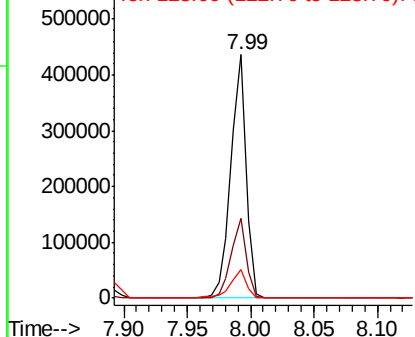
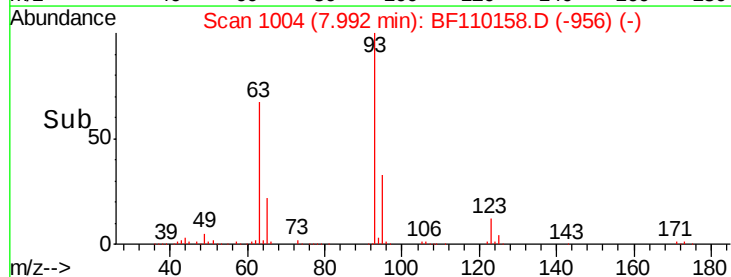


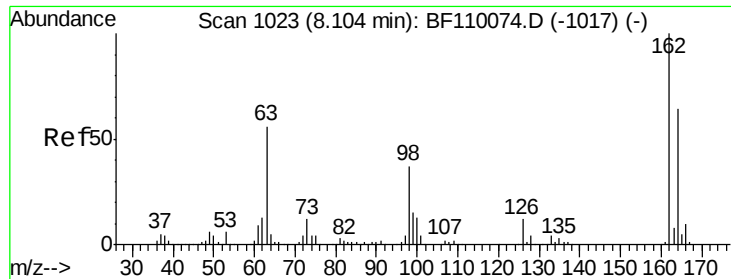
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

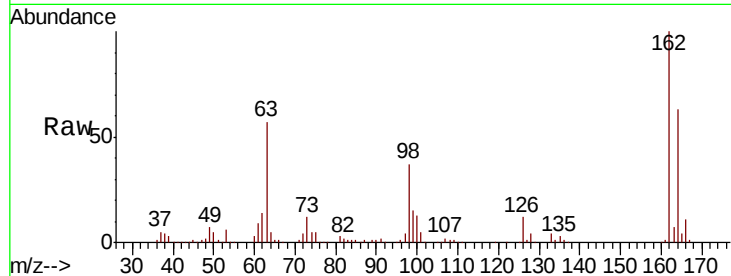




#29
 2,4-Dichlorophenol
 Concen: 28.874 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF110158.D
 Acq: 25 Oct 2018 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	37.3	17.4	57.4

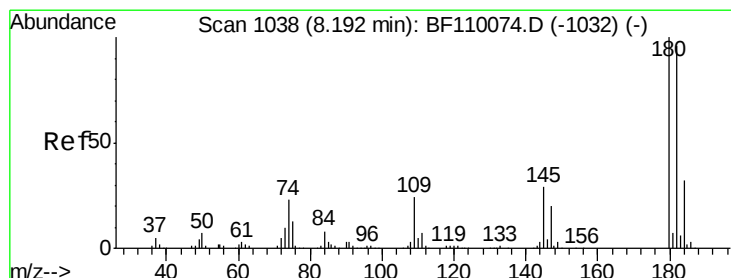
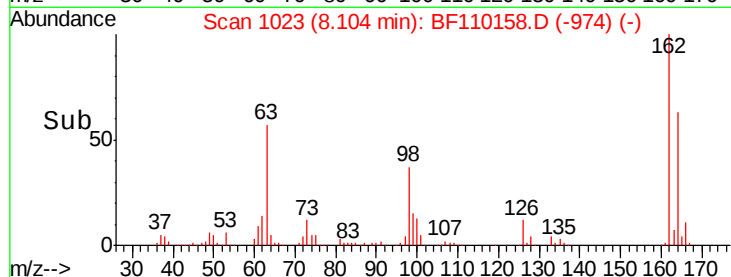
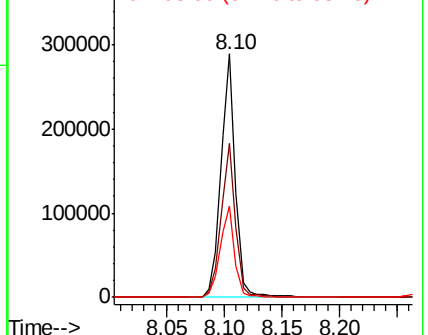


Abundance

Ion 162.00 (161.70 to 162.70): E

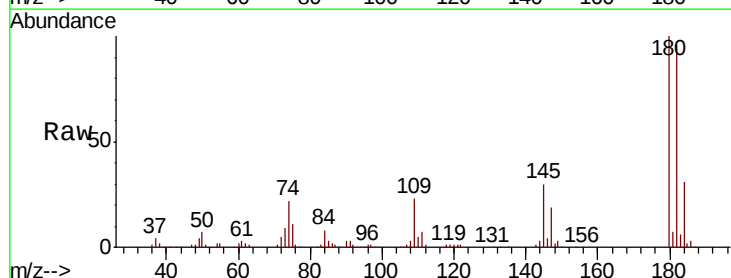
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 27.914 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF110158.D
 Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	80.3	120.5
145	29.7	25.4	38.0

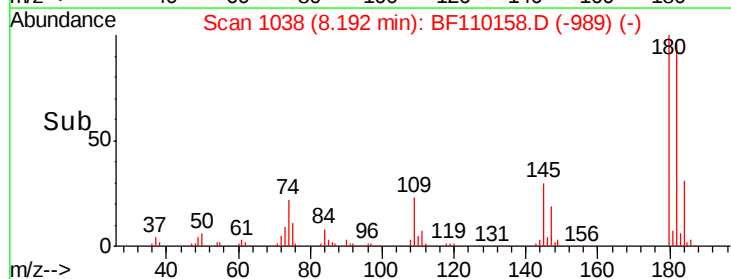
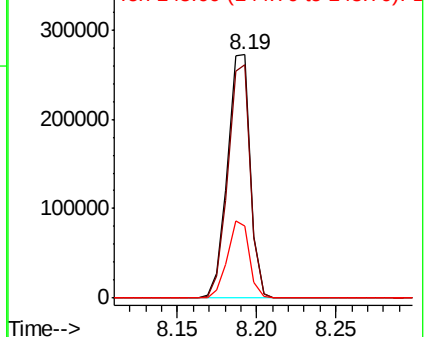


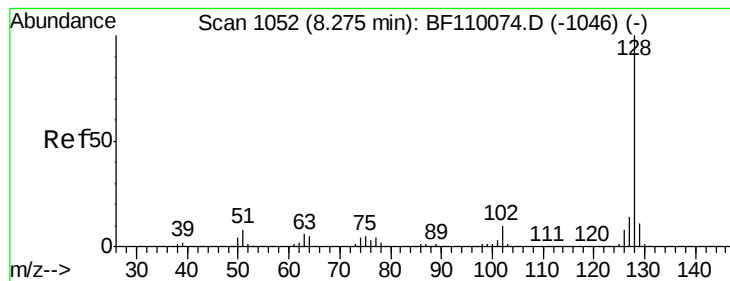
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 30.532 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampled :

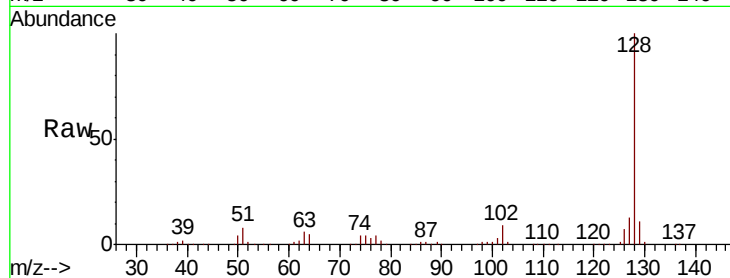
Tot Ion:128 Resp: 884148

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

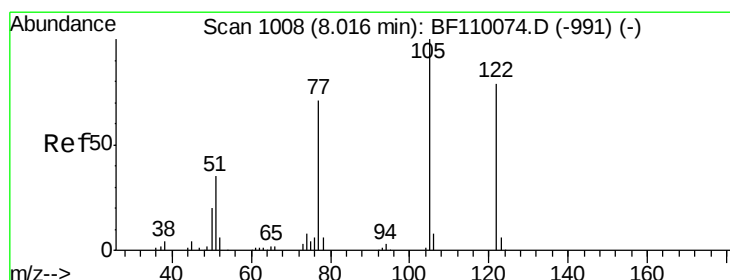
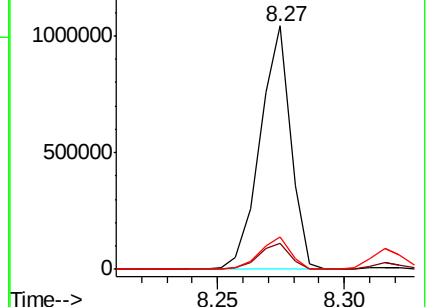
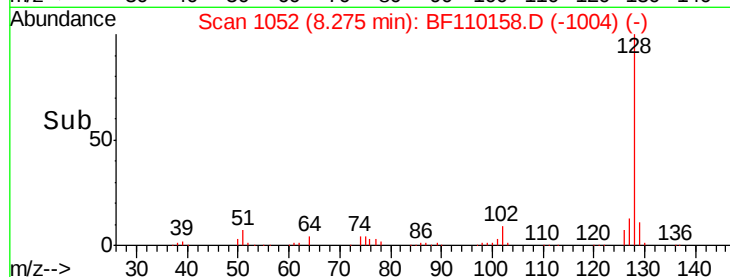
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.737 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.04 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

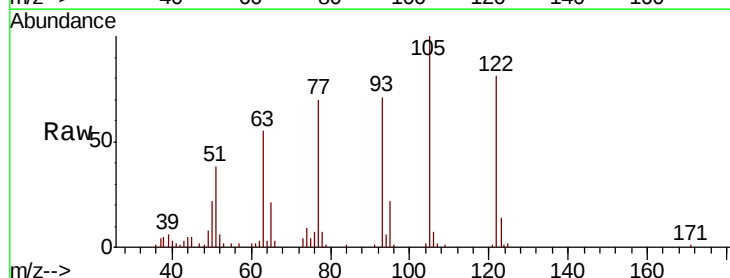
Tgt Ion:122 Resp: 64937

Ion Ratio Lower Upper

122 100

105 123.7 109.0 149.0

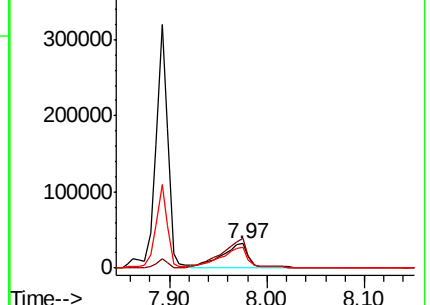
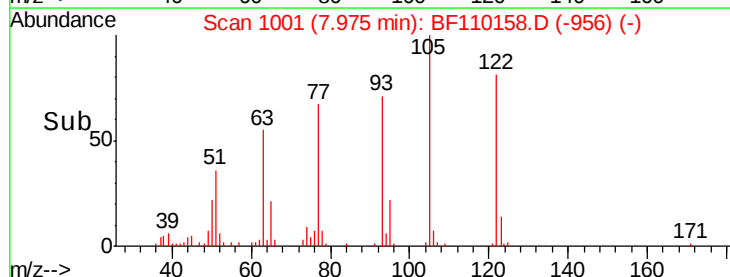
77 86.1 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

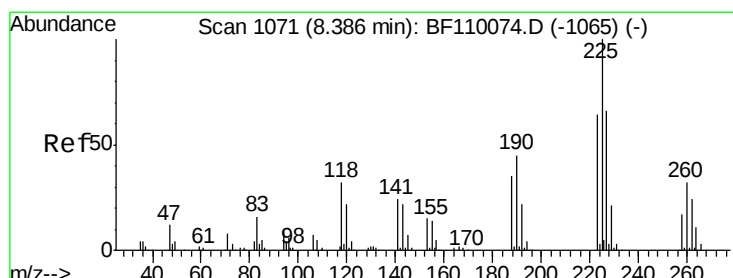
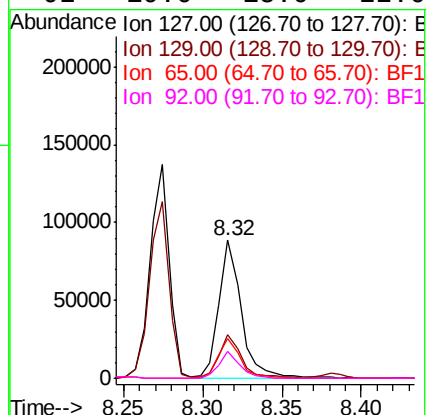
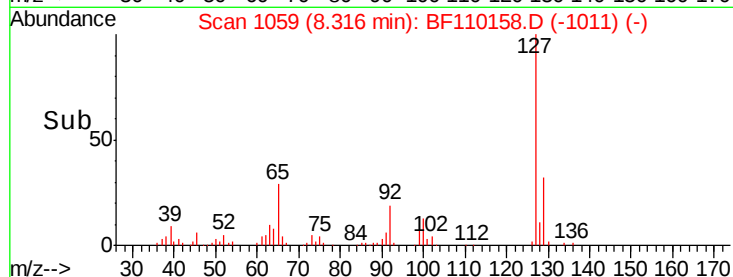
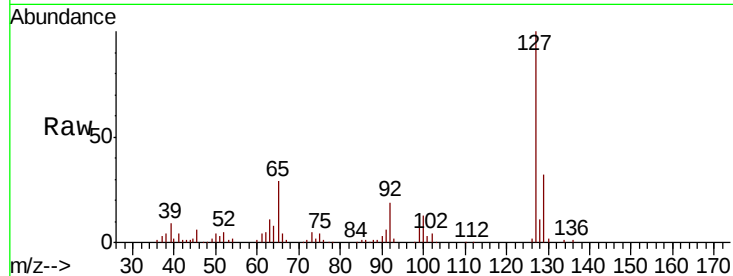




#33
4-Chloroaniline
Concen: 6.647 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

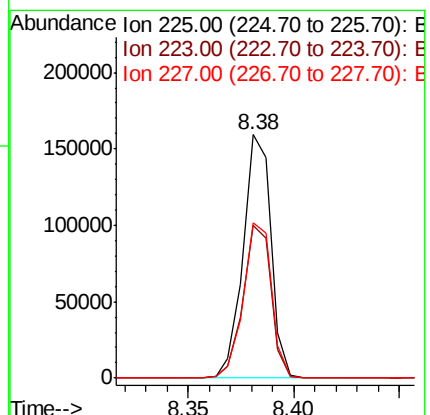
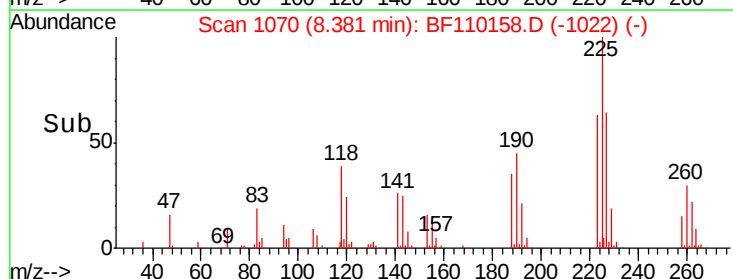
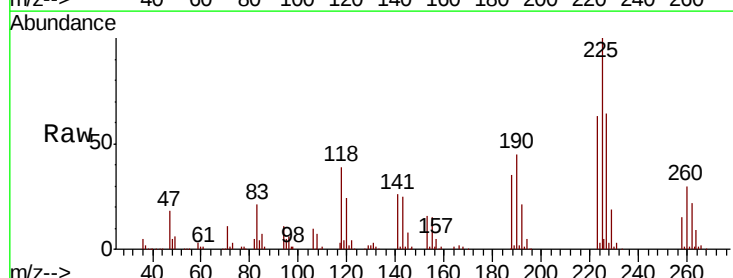
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	86631
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.0	39.0
65	28.6	25.1	37.7
92	19.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 26.769 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Tgt Ion:	225	Resp:	145131
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.4	77.2
227	64.0	51.0	76.6

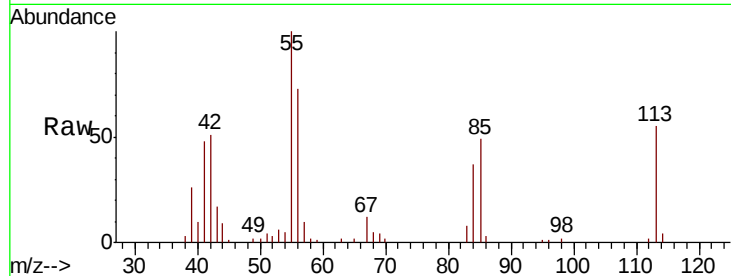




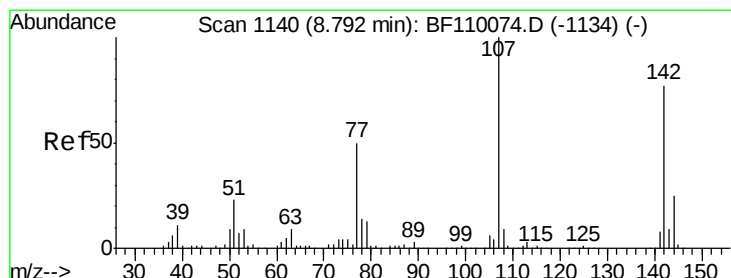
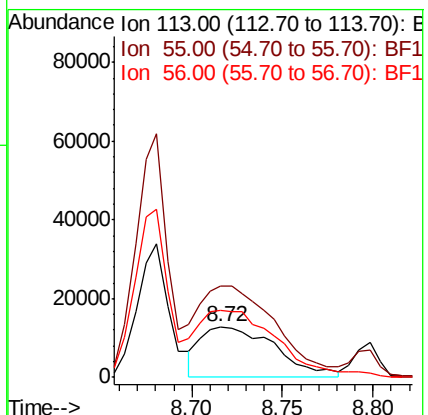
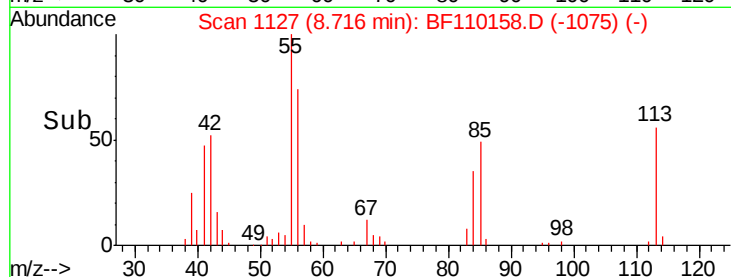
#35
Caprolactam
Concen: 12.138 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 36878
Ion Ratio Lower Upper
113 100
55 180.8 142.8 182.8
56 132.2 105.0 145.0

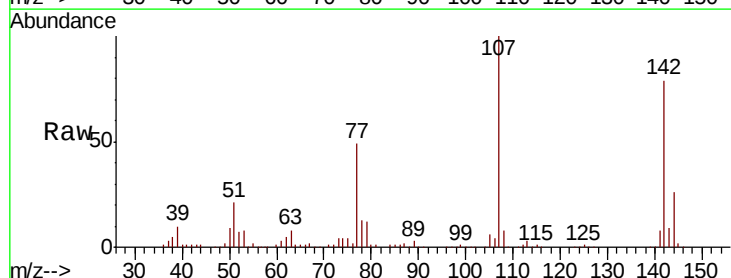


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

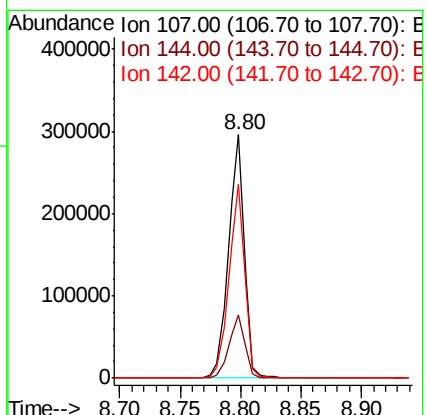
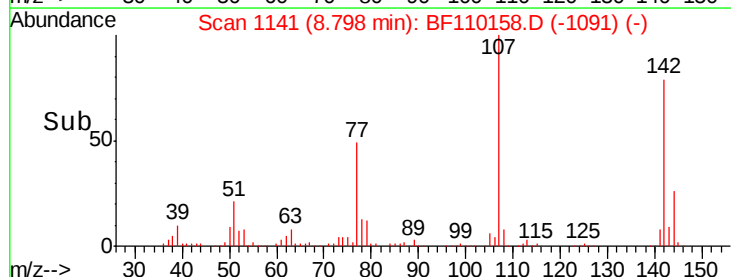


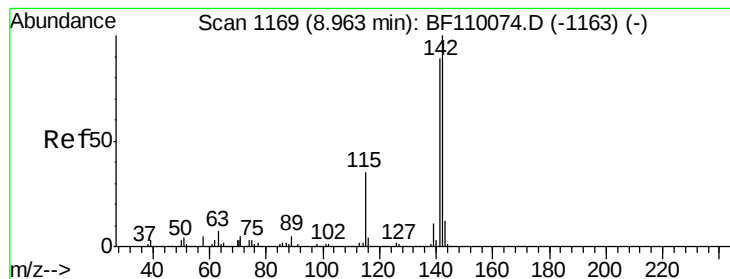
#36
4-Chloro-3-methylphenol
Concen: 28.512 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Tgt Ion:107 Resp: 268773
Ion Ratio Lower Upper
107 100
144 25.7 20.0 30.0
142 79.4 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 31.290 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

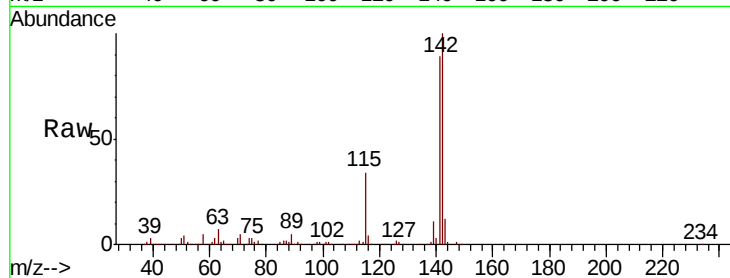
Tot Ion:142 Resp: 599508

Ion Ratio Lower Upper

142 100

141 88.6 71.4 107.2

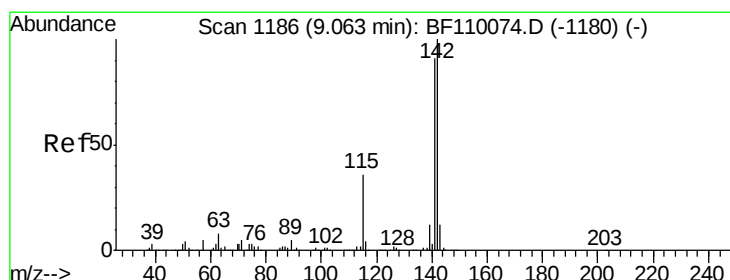
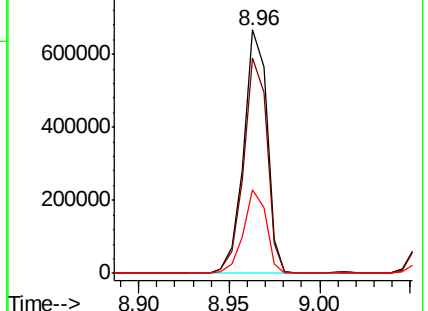
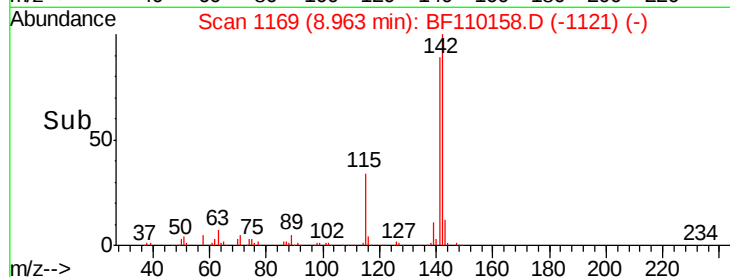
115 34.4 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 30.365 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

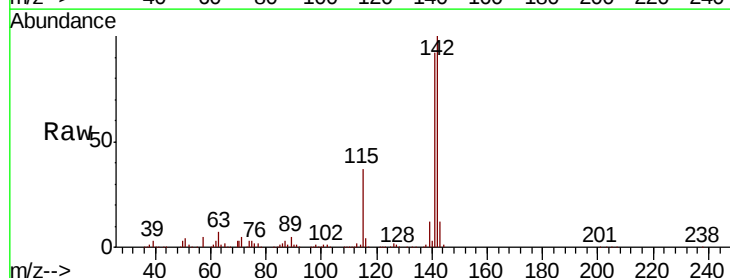
Tgt Ion:142 Resp: 562207

Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.4

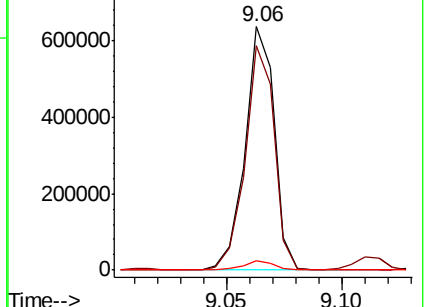
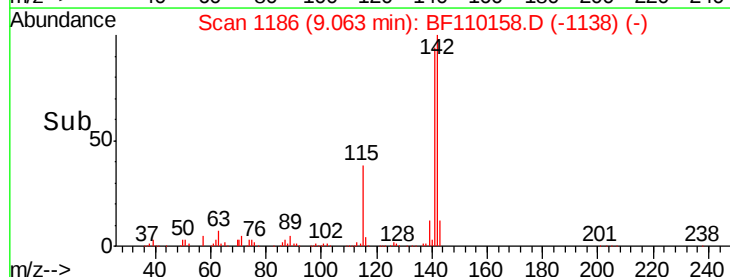
116 3.8 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

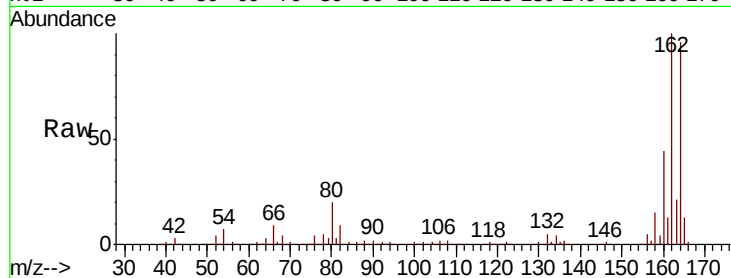
Tot Ion:164 Resp: 289751

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.6

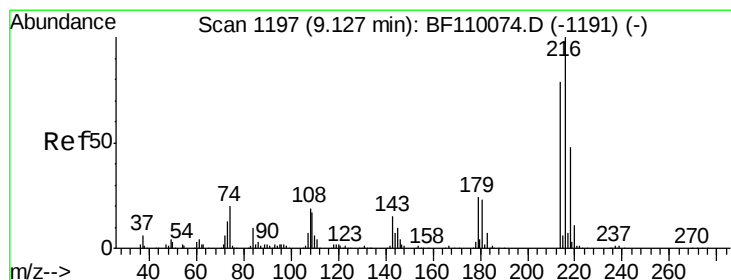
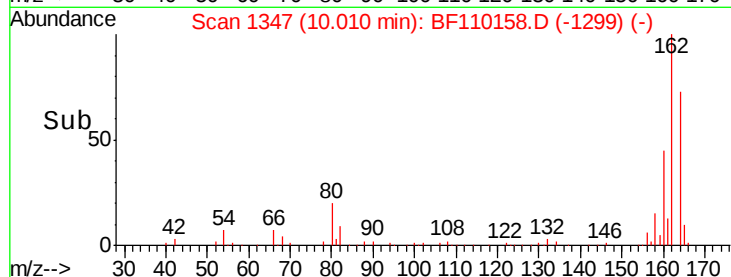
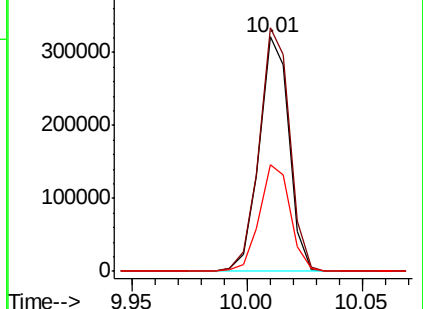
160 45.7 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 28.306 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Tgt Ion:216 Resp: 255551

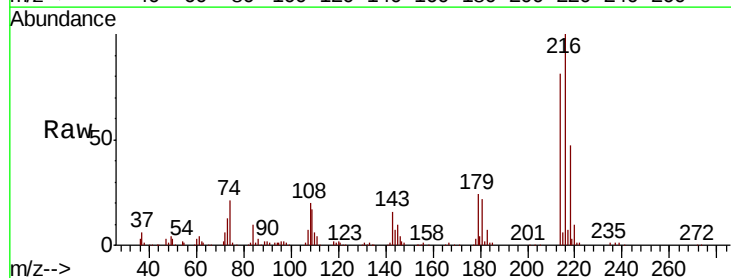
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 22.6 16.6 25.0

108 20.9 15.1 22.7

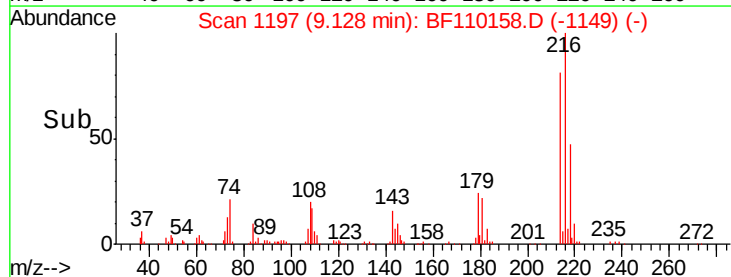
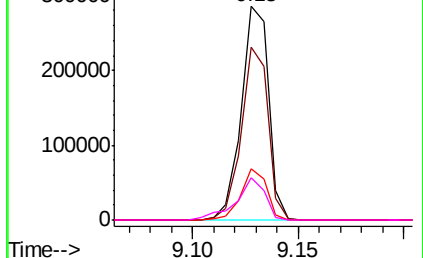


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 48.558 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

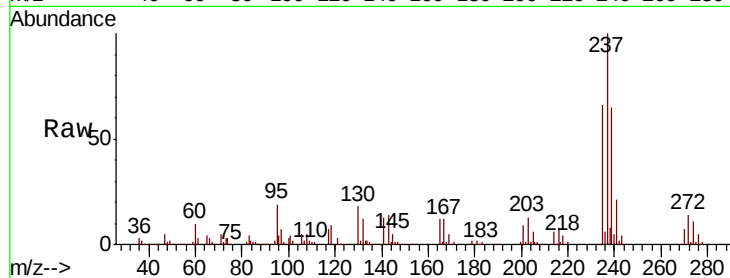
Tot Ion:237 Resp: 224163

Ion Ratio Lower Upper

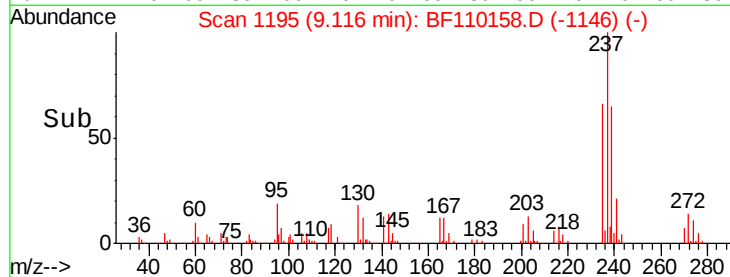
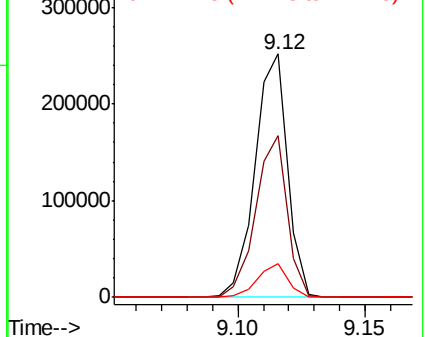
237 100

235 66.3 43.1 83.1

272 13.8 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 86.454 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

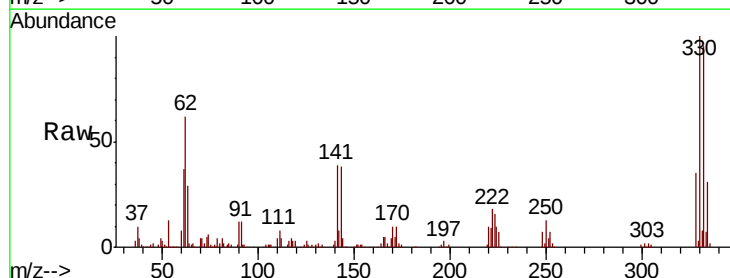
Tgt Ion:330 Resp: 248137

Ion Ratio Lower Upper

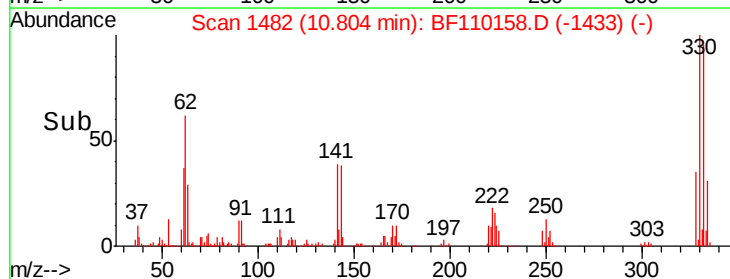
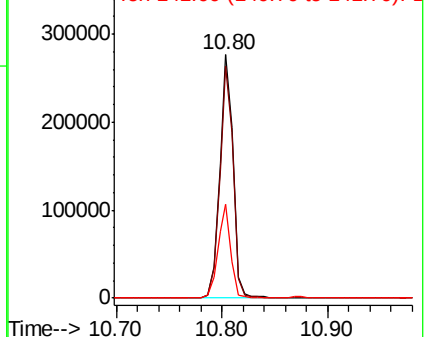
330 100

332 95.4 77.1 115.7

141 37.2 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

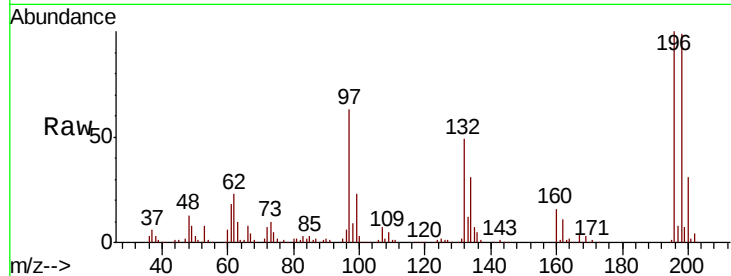




#43
 2,4,6-Trichlorophenol
 Concen: 29.336 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110158.D
 Acq: 25 Oct 2018 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	170823
Ion Ratio	Lower	Upper	
196	100		
198	99.0	76.2	114.4
200	31.1	24.4	36.6

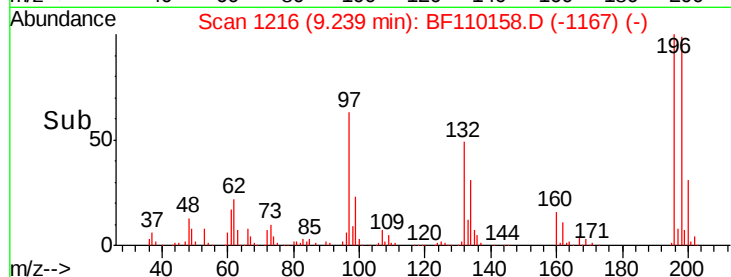
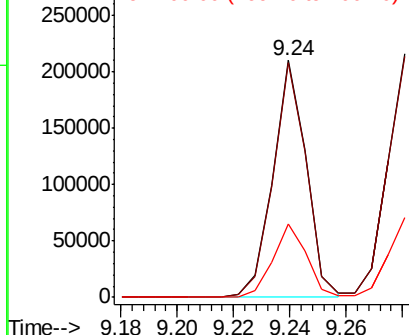


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 29.864 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110158.D
 Acq: 25 Oct 2018 13:39

Tgt Ion	196	Resp	183815
Ion Ratio	Lower	Upper	
196	100		
198	99.2	75.8	113.6
97	51.5	42.4	63.6
132	30.2	22.8	34.2

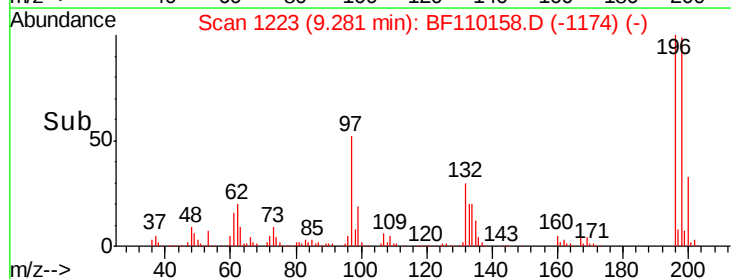
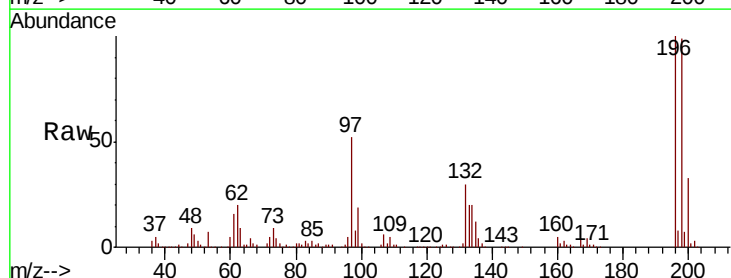
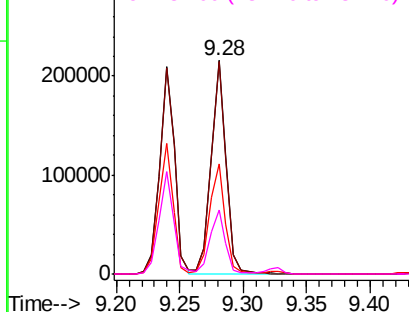
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

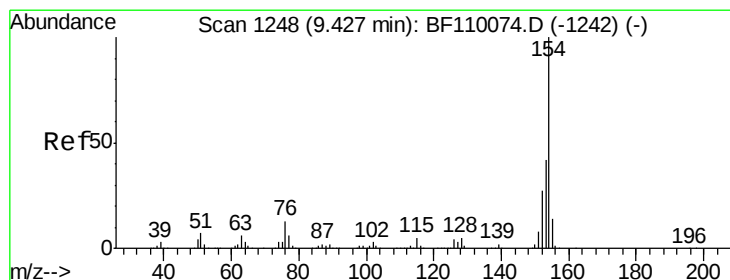
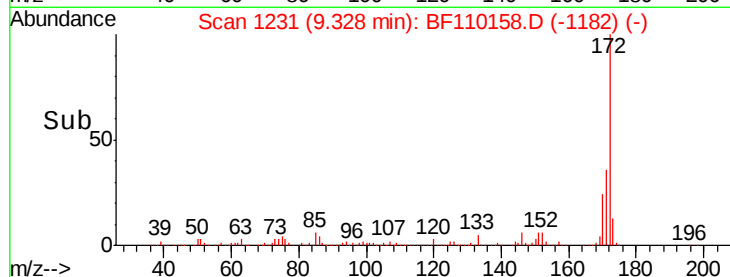
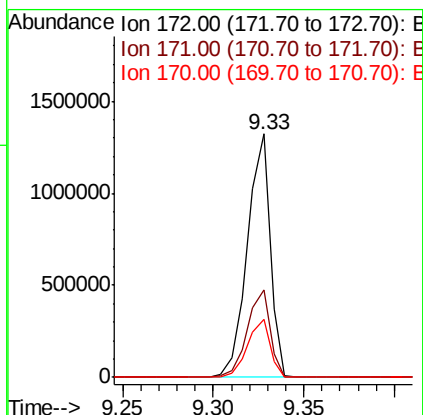
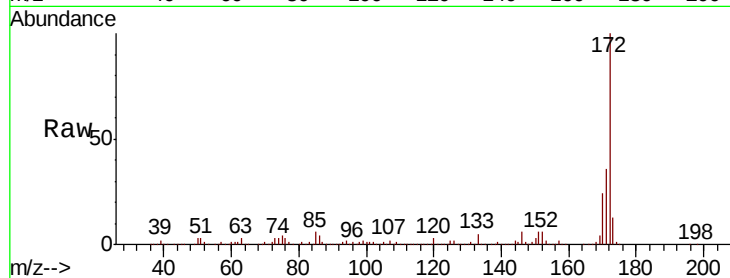




#45
2-Fluorobiphenyl
Concen: 62.884 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

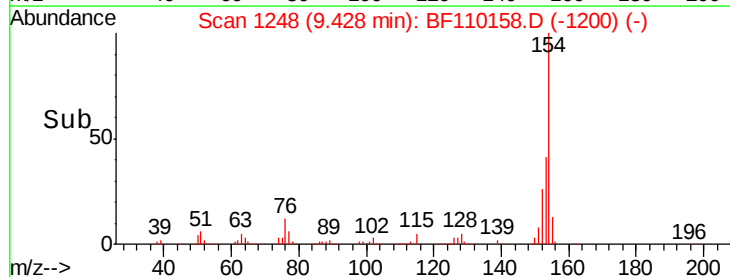
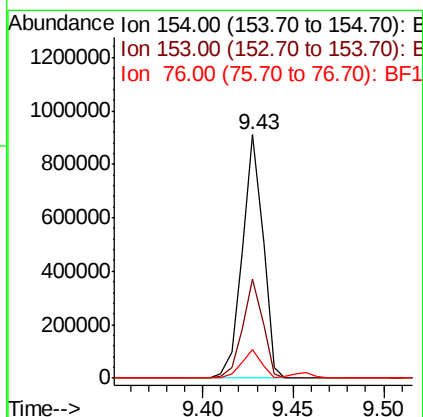
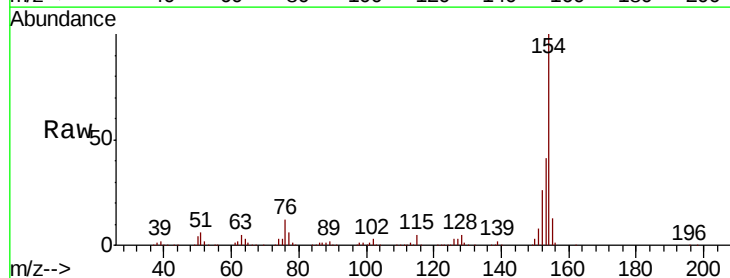
Instrument :
BNA_F
ClientSampleId :

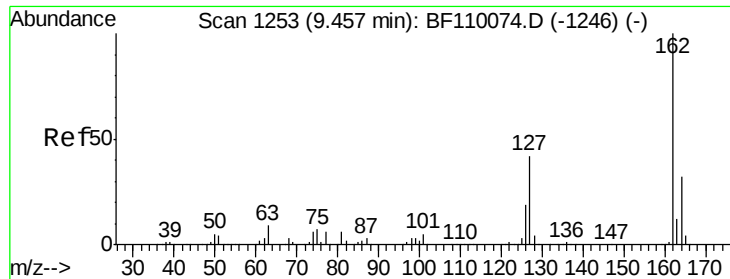
Tot Ion:172 Resp: 1160363
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.8 19.7 29.5



#46
1,1'-Biphenyl
Concen: 27.599 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Tgt Ion:154 Resp: 723157
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 11.9 0.0 31.9

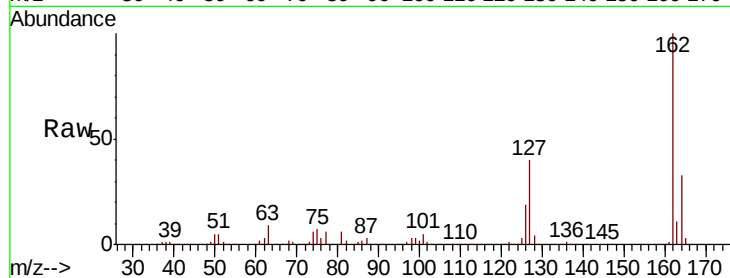




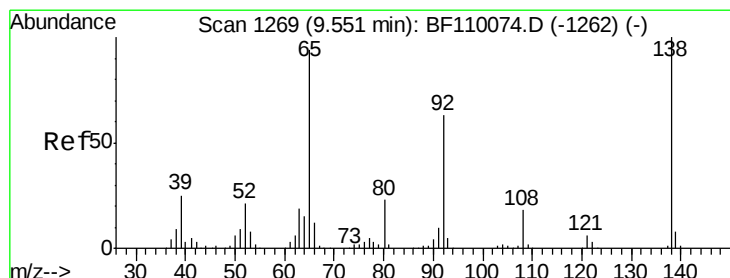
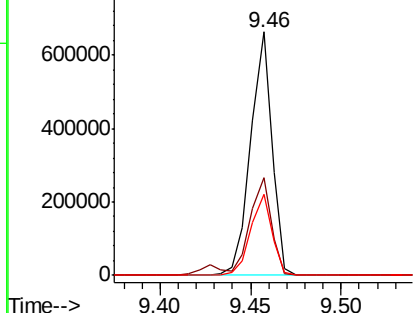
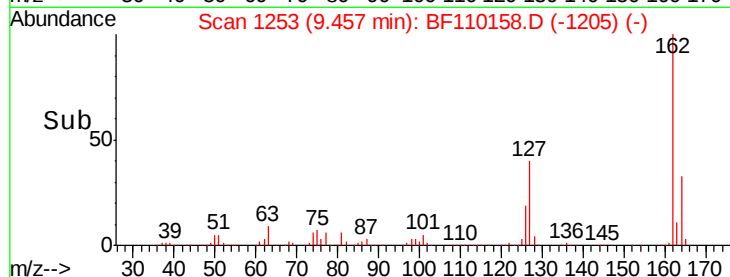
#47
 2-Chloronaphthalene
 Concen: 28.317 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110158.D
 Acq: 25 Oct 2018 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.6	48.8
164	33.1	25.9	38.9

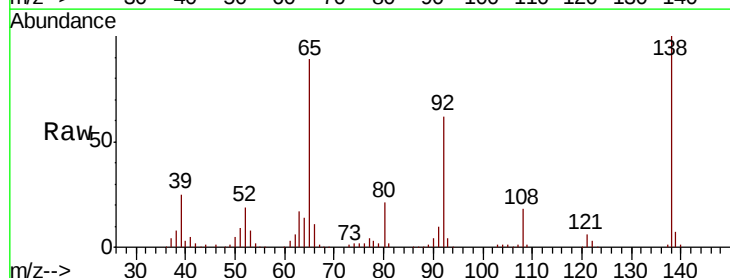


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

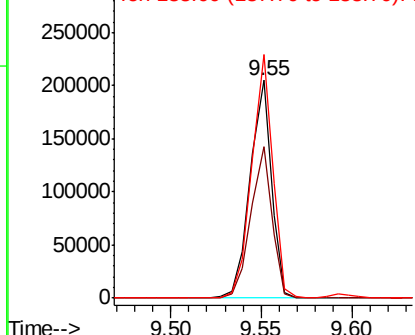
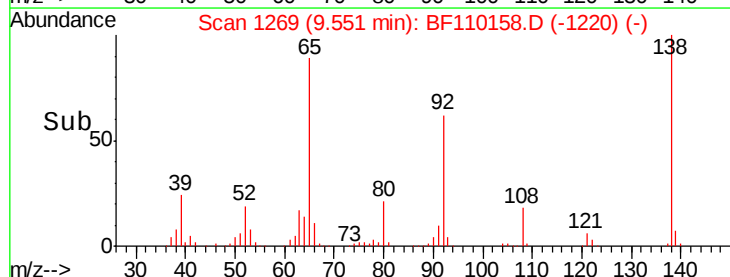


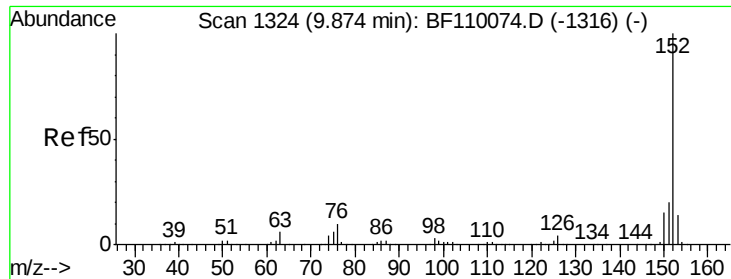
#48
 2-Nitroaniline
 Concen: 28.980 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110158.D
 Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	54.6	81.8
138	111.9	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 30.422 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

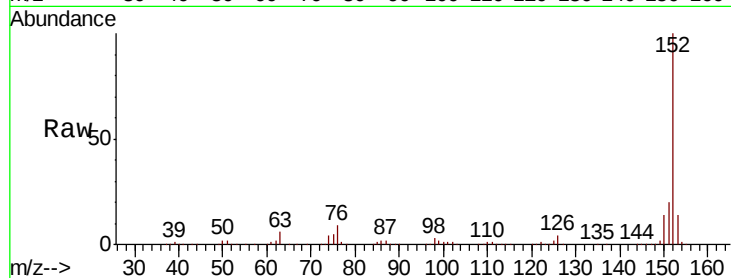
Tot Ion:152 Resp: 844522

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.8

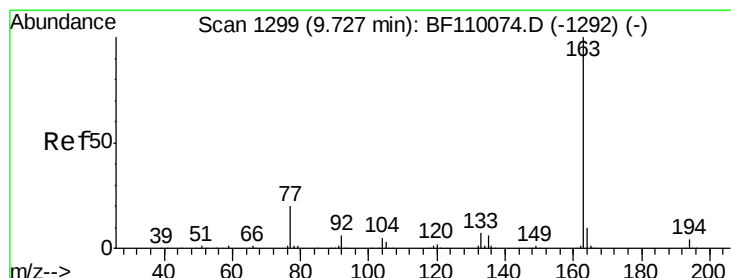
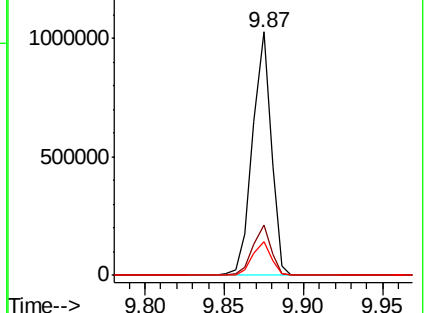
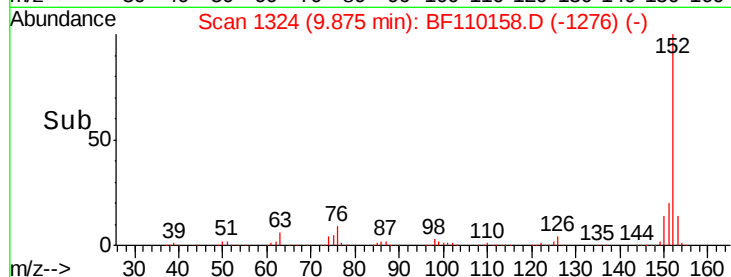
153 13.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.703 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

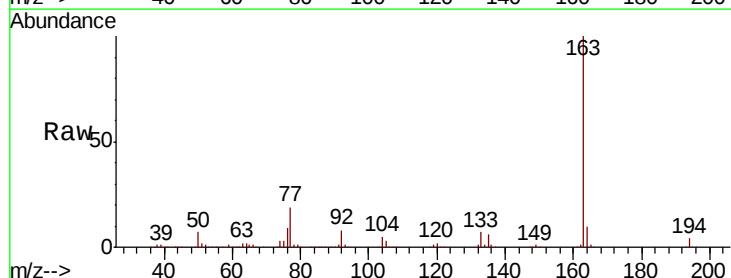
Tgt Ion:163 Resp: 763634

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

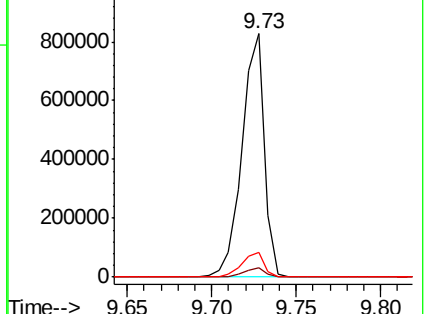
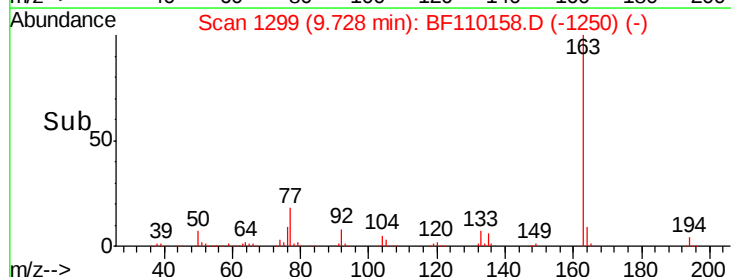
164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 29.923 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampled :

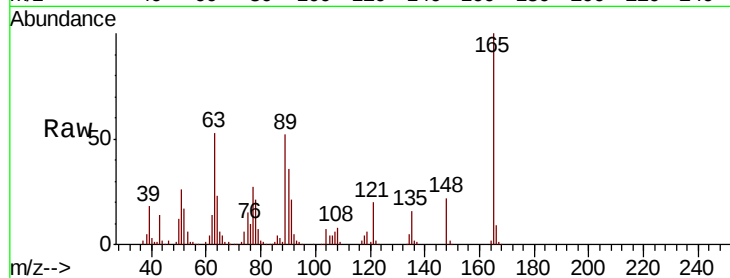
Tot Ion:165 Resp: 137863

Ion Ratio Lower Upper

165 100

63 53.1 48.9 73.3

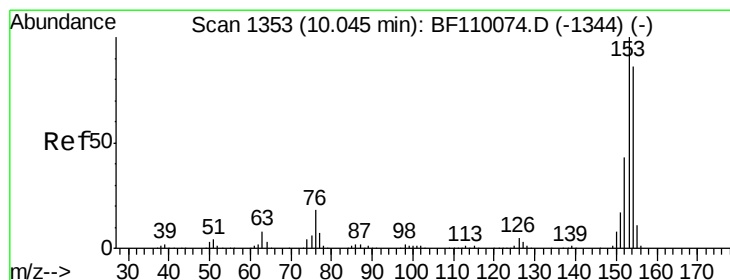
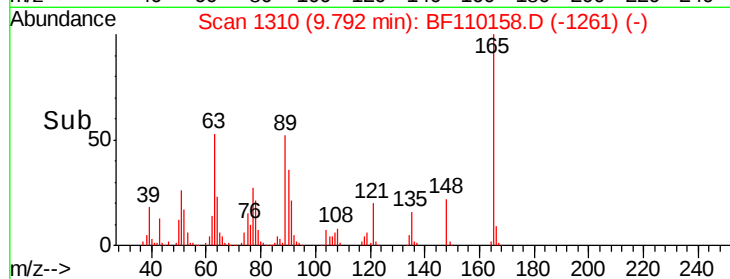
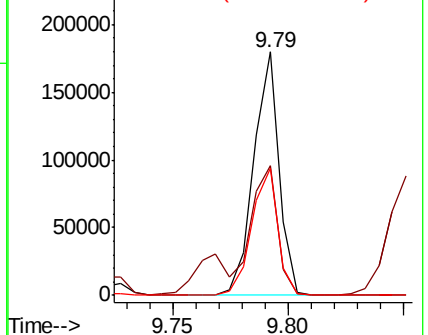
89 52.4 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 29.146 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

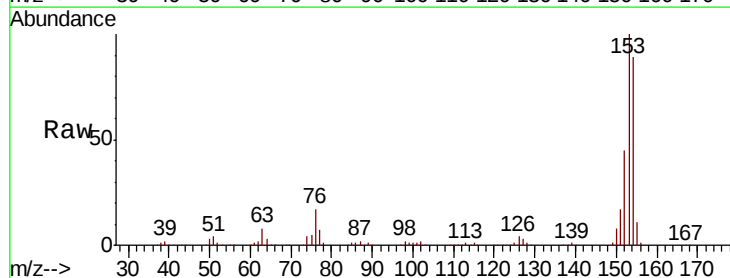
Tgt Ion:154 Resp: 535270

Ion Ratio Lower Upper

154 100

153 112.9 90.1 135.1

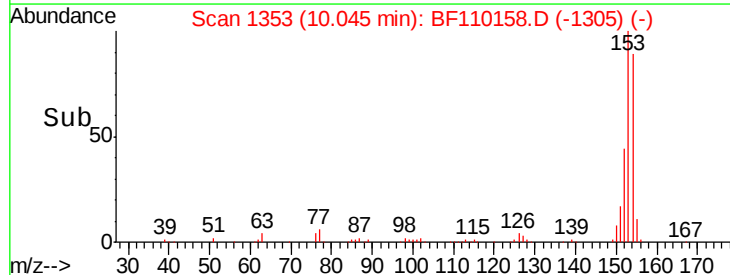
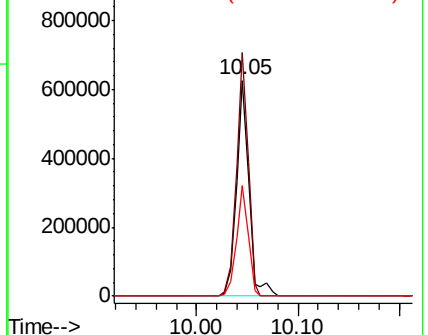
152 51.0 43.4 65.2

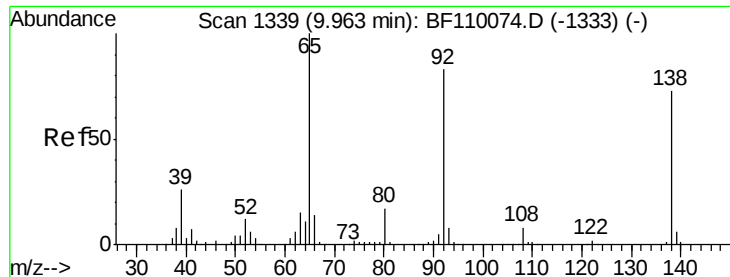


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 16.026 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

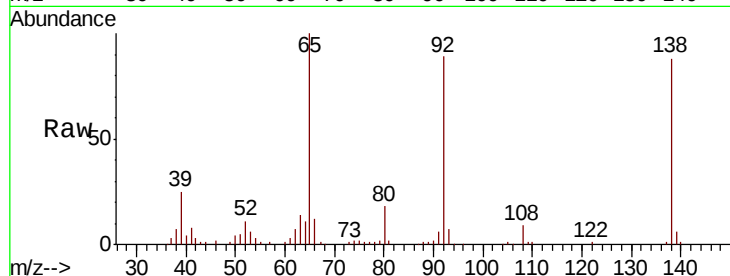
Tot Ion:138 Resp: 87802

Ion Ratio Lower Upper

138 100

108 9.7 8.7 13.1

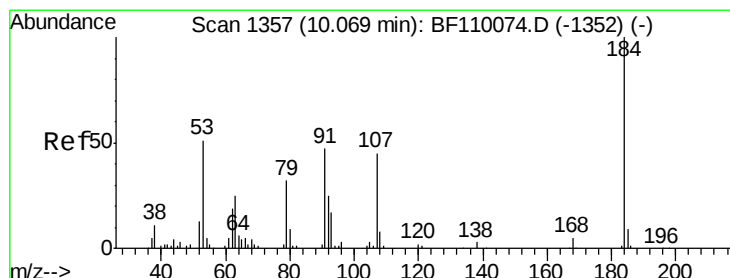
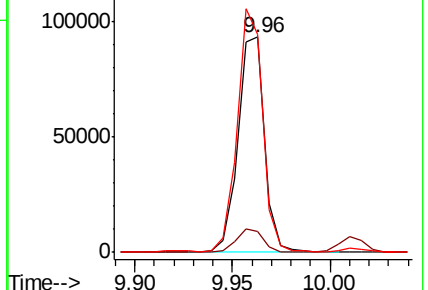
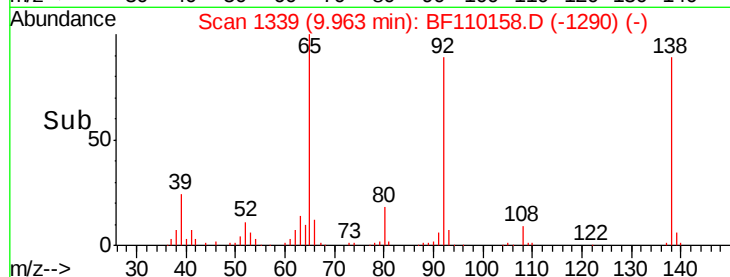
92 101.4 97.0 145.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 29.038 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

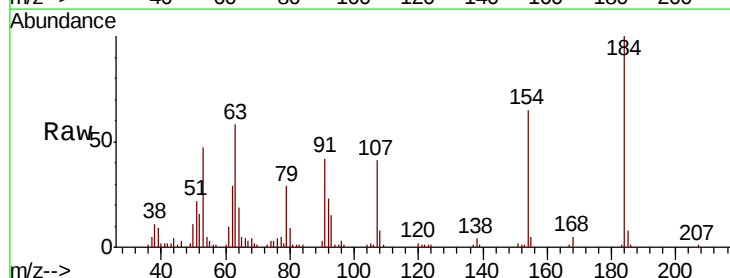
Tgt Ion:184 Resp: 46651

Ion Ratio Lower Upper

184 100

63 58.2 55.8 83.6

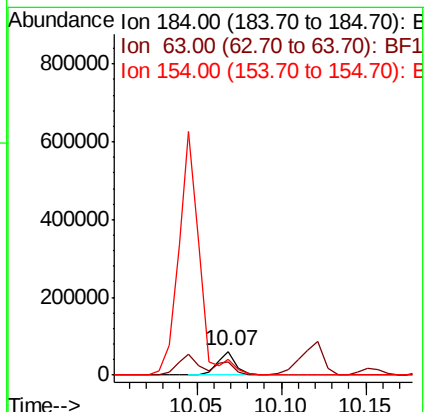
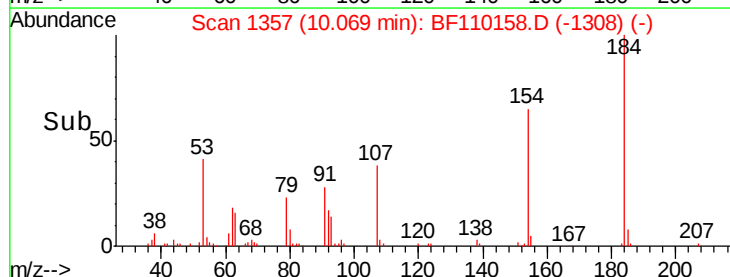
154 64.5 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

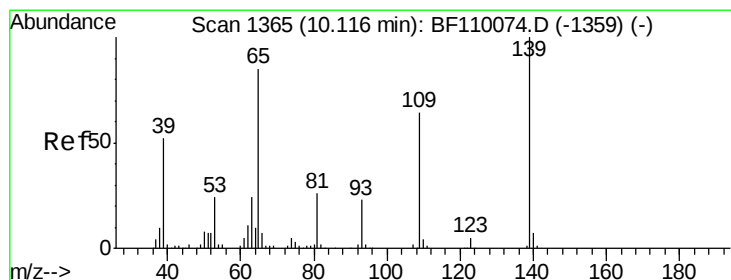
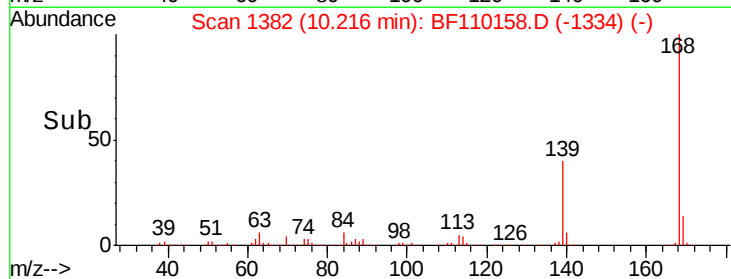
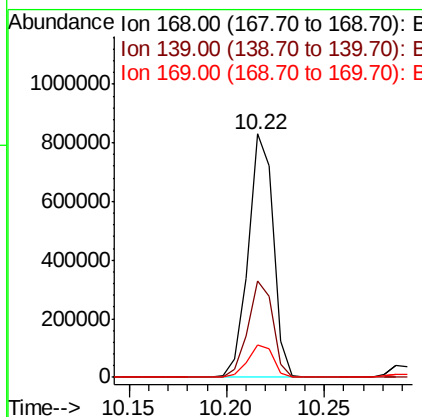
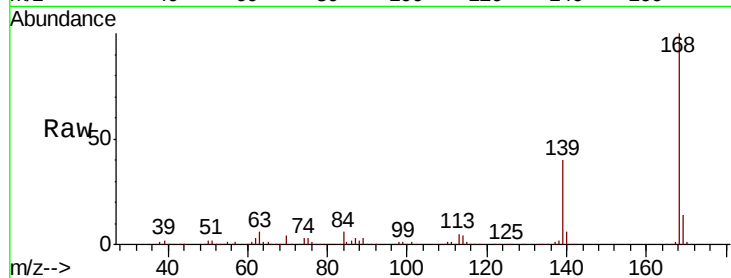




#55
Dibenzenofuran
Concen: 28.726 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

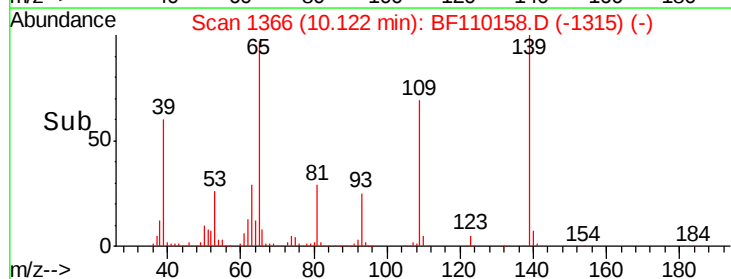
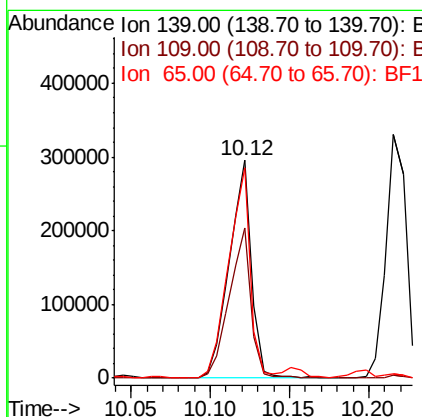
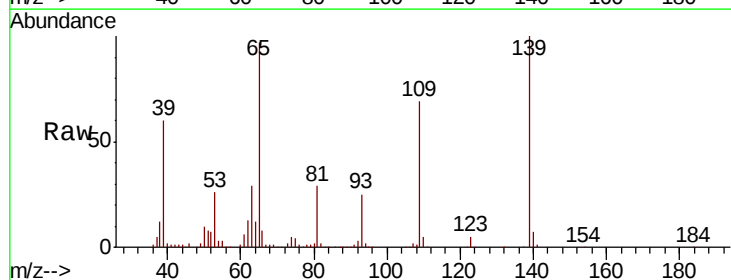
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 738613
Ion Ratio Lower Upper
168 100
139 39.8 33.0 49.6
169 13.6 11.3 16.9



#56
4-Nitrophenol
Concen: 71.001 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Tgt Ion:139 Resp: 287907
Ion Ratio Lower Upper
139 100
109 68.8 55.8 95.8
65 96.9 77.9 117.9

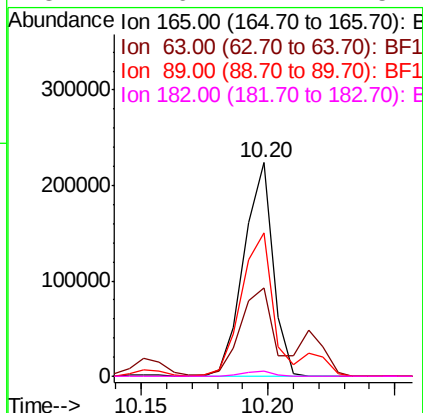
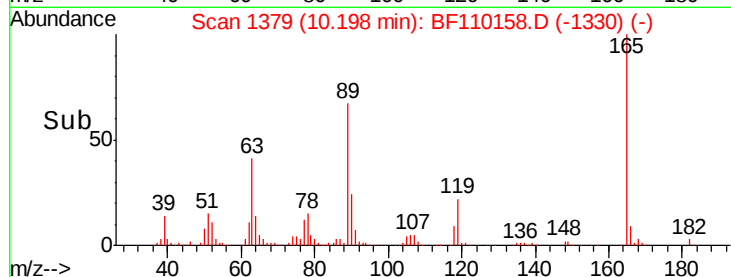
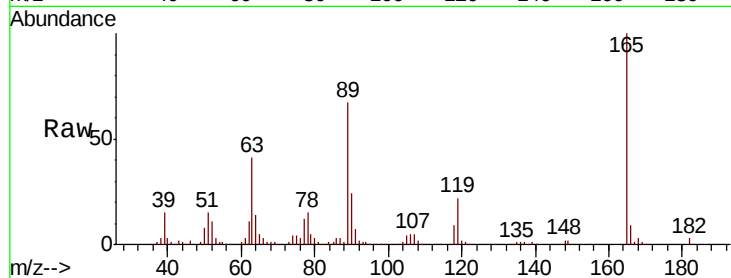




#57
2,4-Dinitrotoluene
Concen: 30.626 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

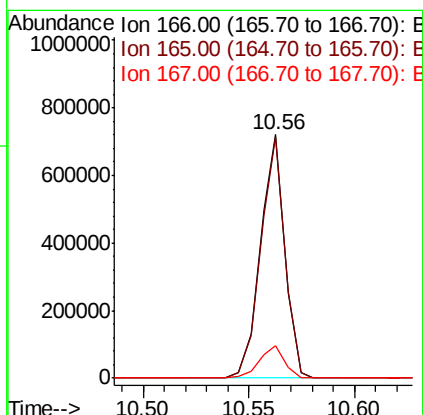
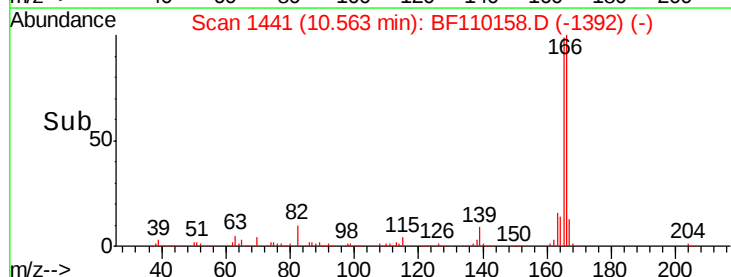
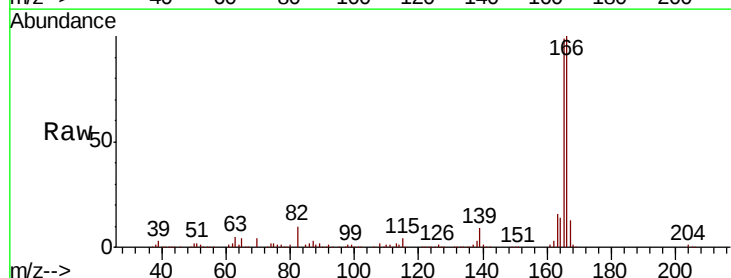
Instrument :
BNA_F
ClientSampled :

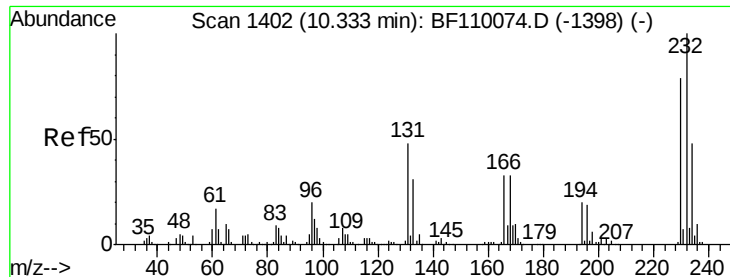
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.2	44.8	67.2#
89	67.3	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 30.169 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	117.8
167	13.3	10.8	16.2

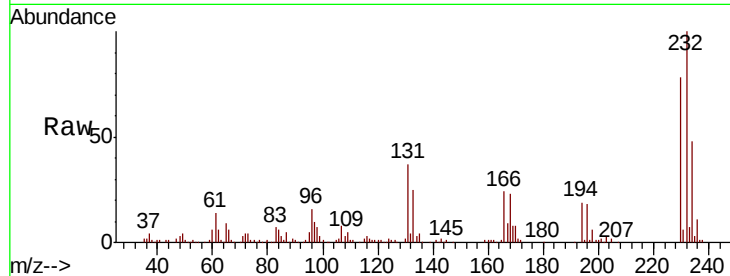




#59
2,3,4,6-Tetrachlorophenol
Concen: 27.445 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.05 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.0	37.0	55.4
130	2.1	1.8	2.6
166	26.6	22.0	33.0



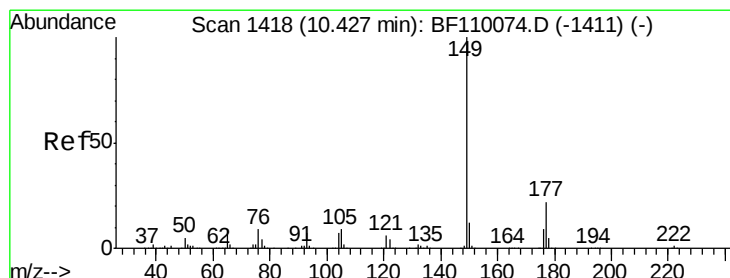
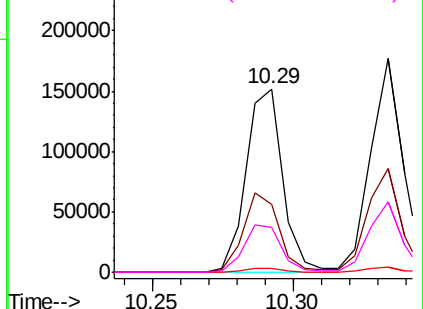
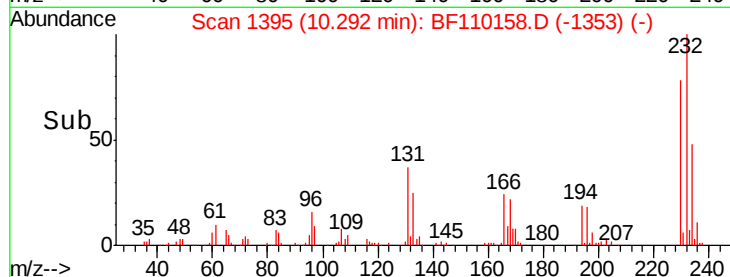
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

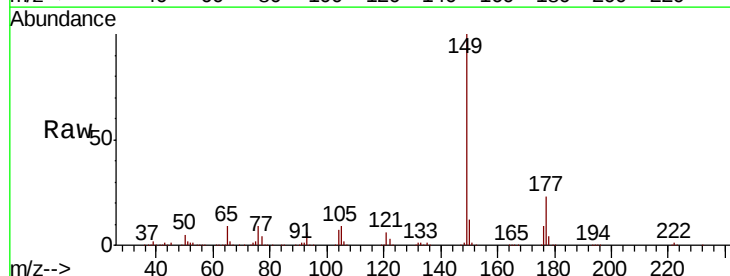
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 29.355 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.4	26.2
150	12.0	9.8	14.8

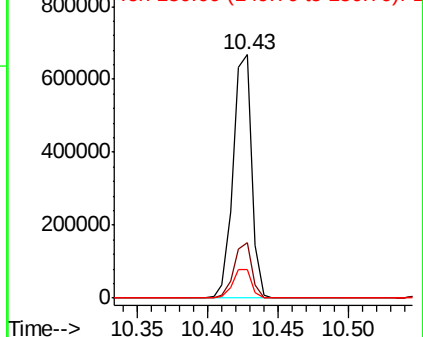
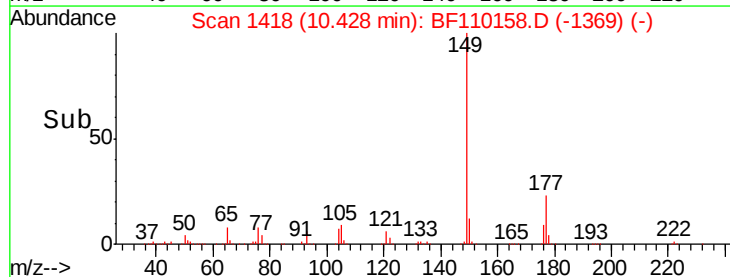


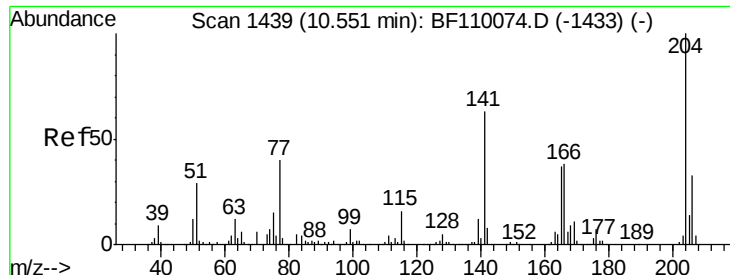
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

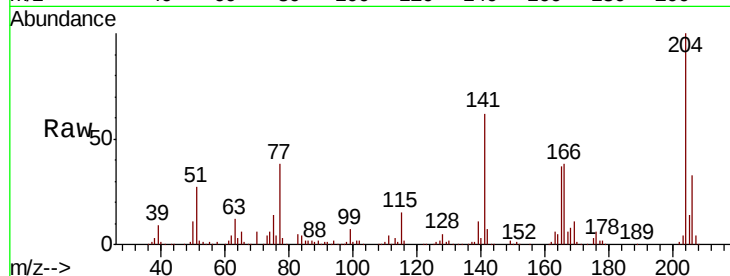




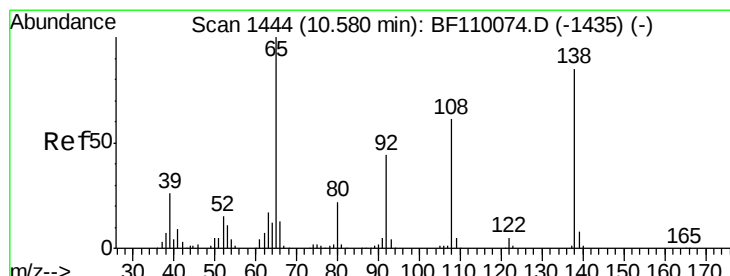
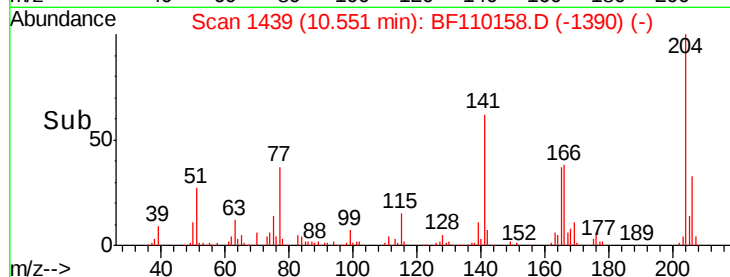
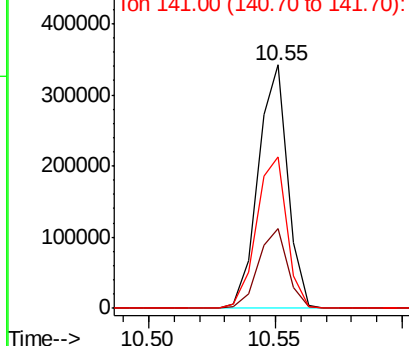
#61
 4-Chlorophenyl-phenylether
 Concen: 27.444 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF110158.D
 Acq: 25 Oct 2018 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 277044
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.5 39.7
 141 62.3 51.8 77.8

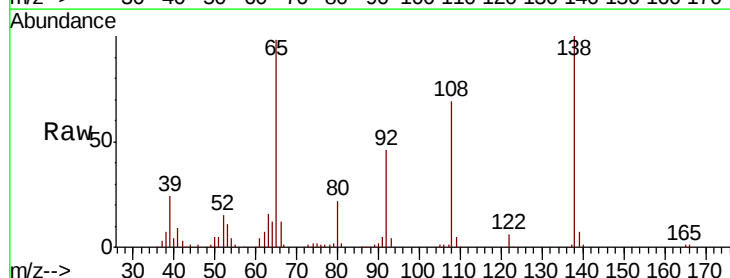


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

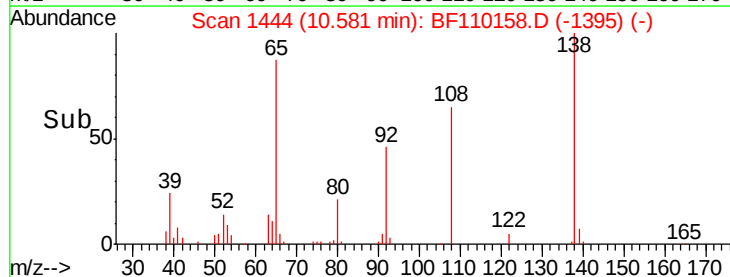
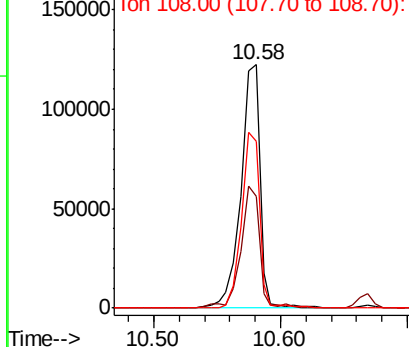


#62
 4-Nitroaniline
 Concen: 23.380 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF110158.D
 Acq: 25 Oct 2018 13:39

Tgt Ion:138 Resp: 127404
 Ion Ratio Lower Upper
 138 100
 92 46.2 31.7 71.7
 108 68.6 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

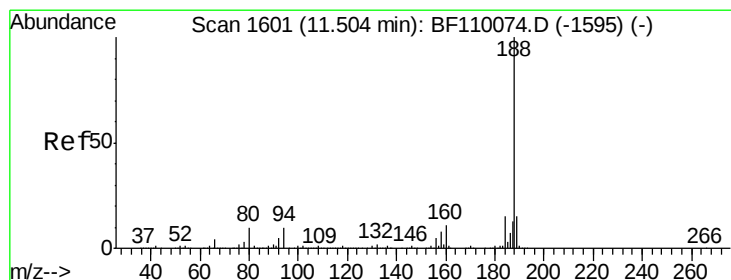
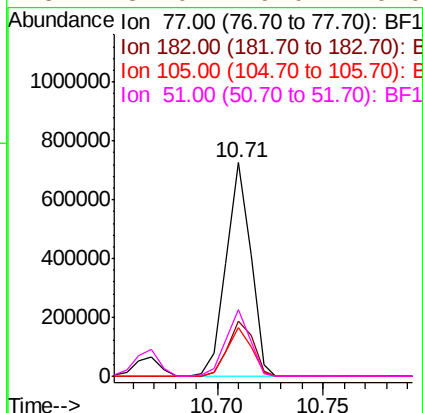
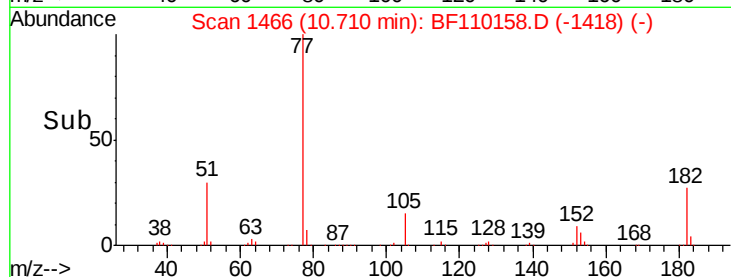
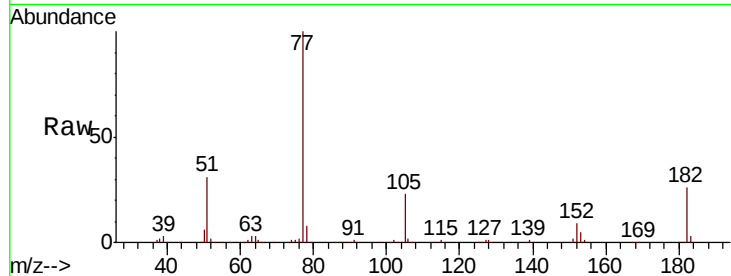




#63
Azobenzene
Concen: 28.149 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

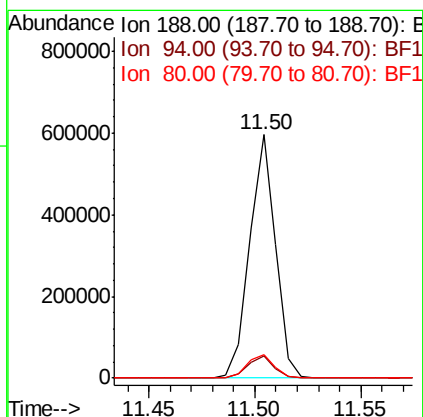
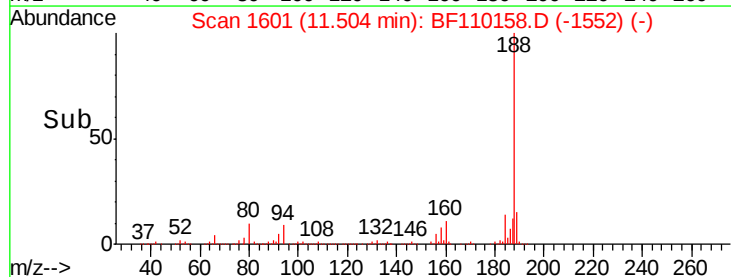
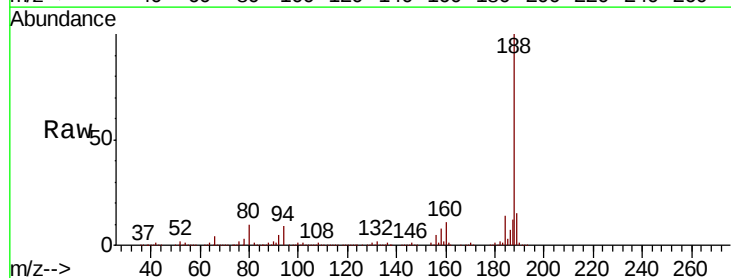
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	583365
Ion	Ratio	Lower	Upper
77	100		
182	26.0	4.3	44.3
105	22.6	1.3	41.3
51	31.0	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Tgt Ion:	188	Resp:	506155
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.9	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 20.113 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

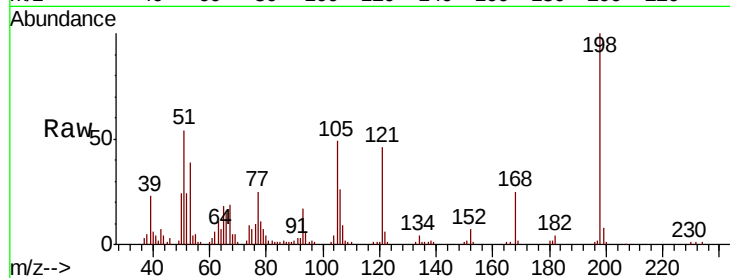
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 46512

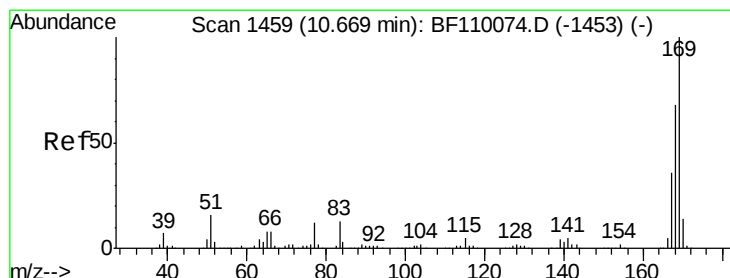
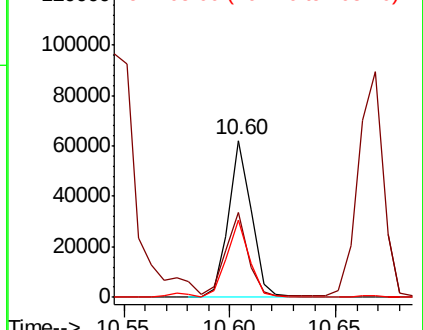
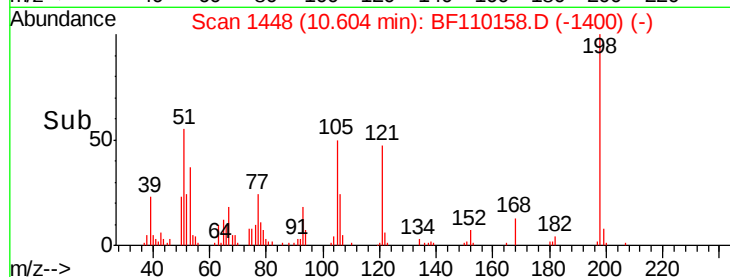
Ion	Ratio	Lower	Upper
198	100		
51	53.8	22.8	62.8
105	49.2	23.6	63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 30.413 ng

RT: 10.67 min Scan# 1459

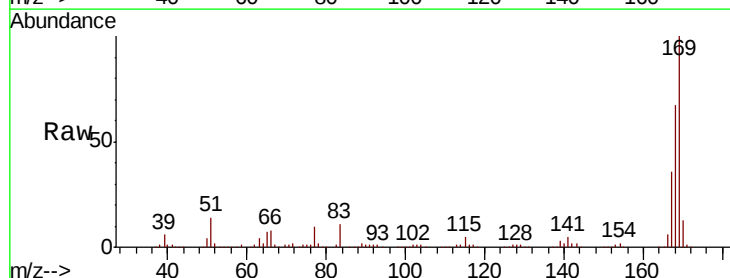
Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Tgt Ion:169 Resp: 504916

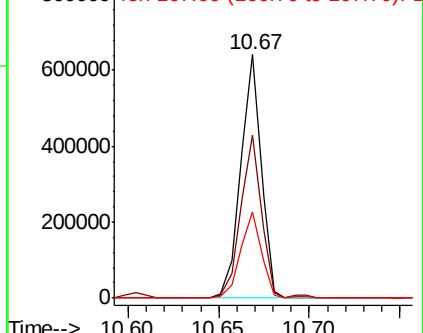
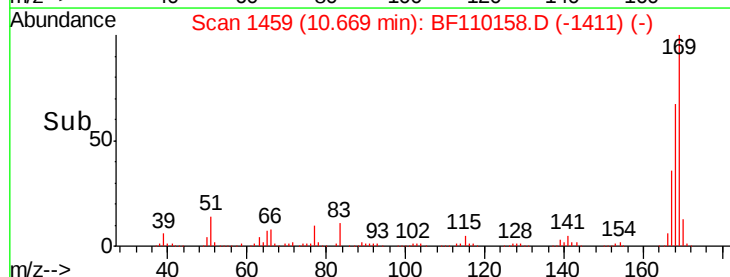
Ion	Ratio	Lower	Upper
169	100		
168	66.9	51.2	76.8
167	35.6	27.8	41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

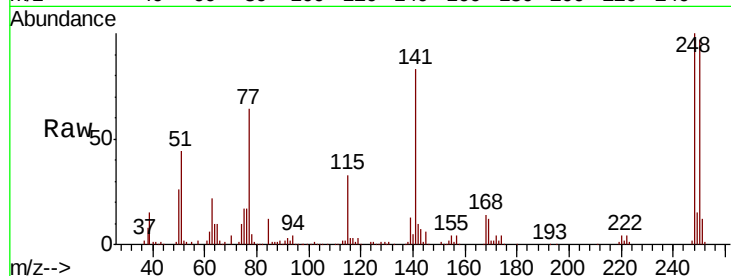




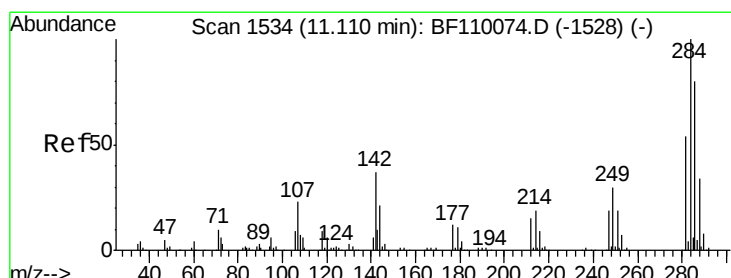
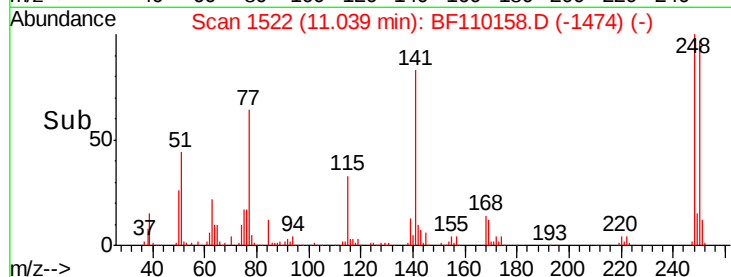
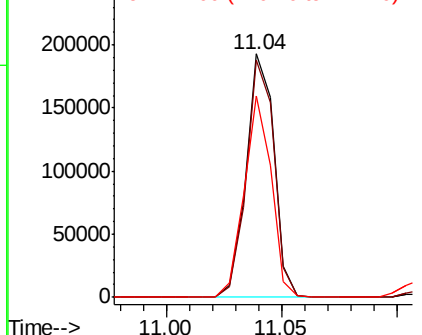
#67
 4-Bromophenyl-phenylether
 Concen: 29.787 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110158.D
 Acq: 25 Oct 2018 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 163539
 Ion Ratio Lower Upper
 248 100
 250 97.3 79.4 119.2
 141 82.9 55.9 83.9

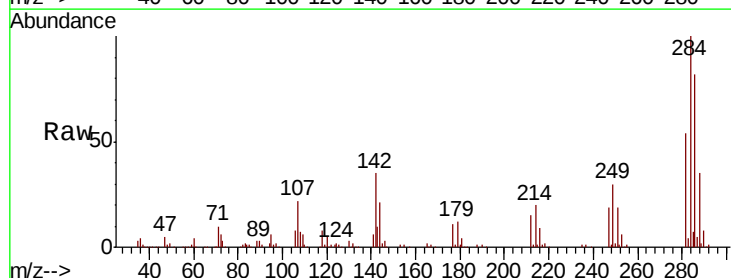


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

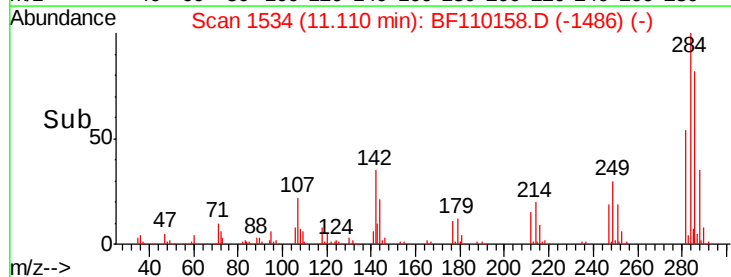
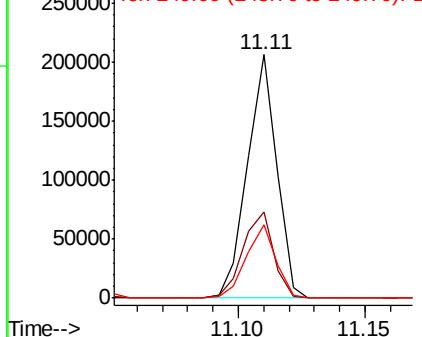


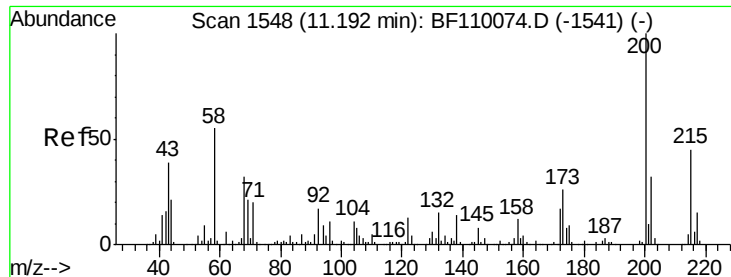
#68
 Hexachlorobenzene
 Concen: 28.693 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BF110158.D
 Acq: 25 Oct 2018 13:39

Tgt Ion:284 Resp: 167148
 Ion Ratio Lower Upper
 284 100
 142 35.3 23.9 35.9
 249 30.3 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

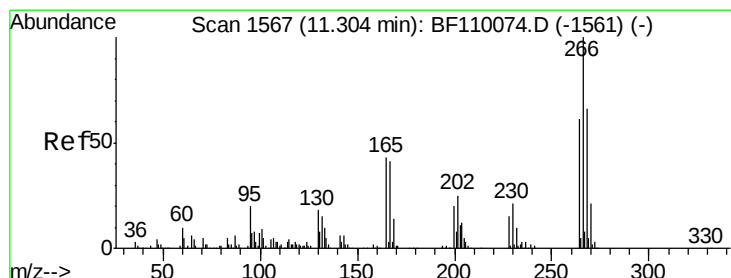
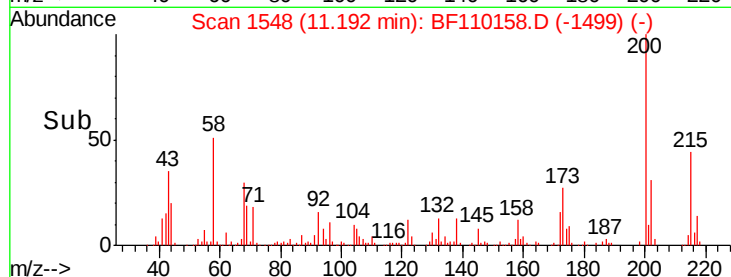
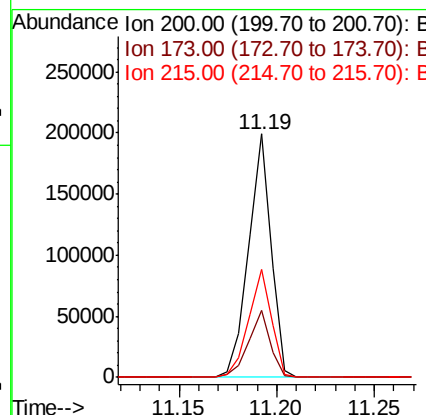
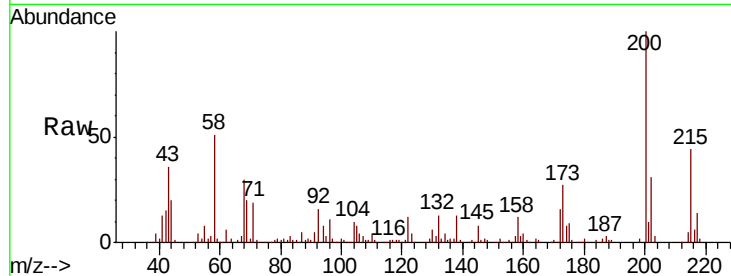




#69
Atrazine
Concen: 30.472 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

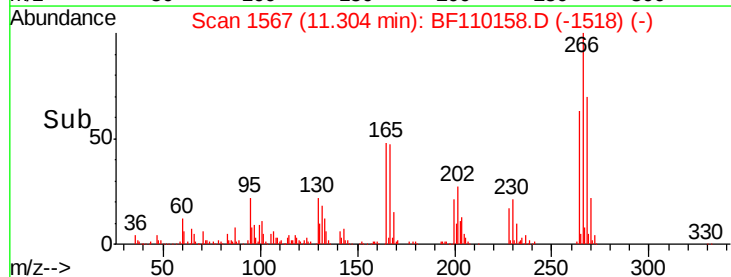
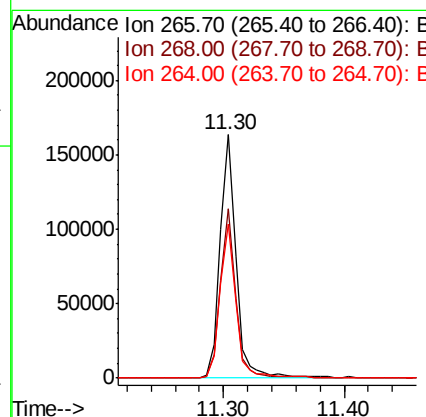
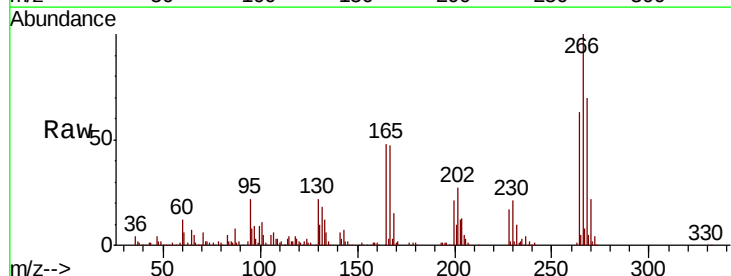
Instrument :
BNA_F
ClientSampleId :

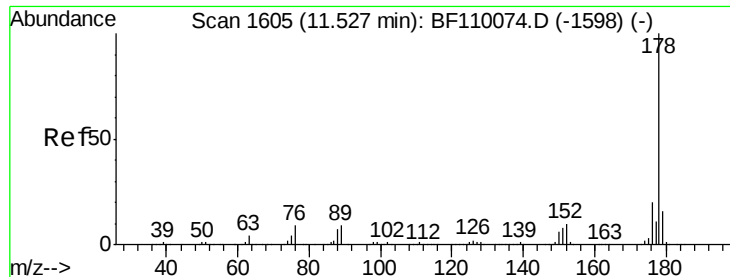
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.6	46.6
215	44.4	26.3	66.3



#70
Pentachlorophenol
Concen: 43.760 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.5	50.6	75.8
264	63.1	50.6	75.8

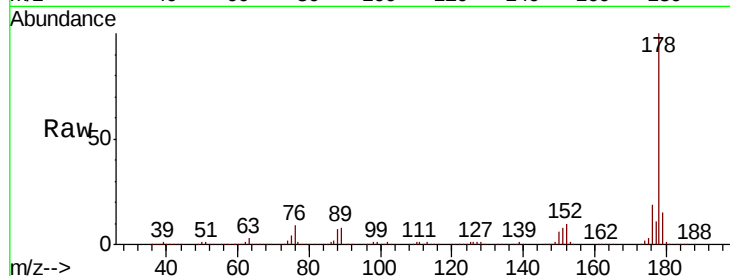




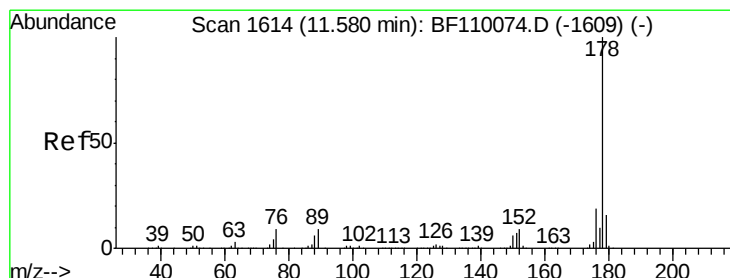
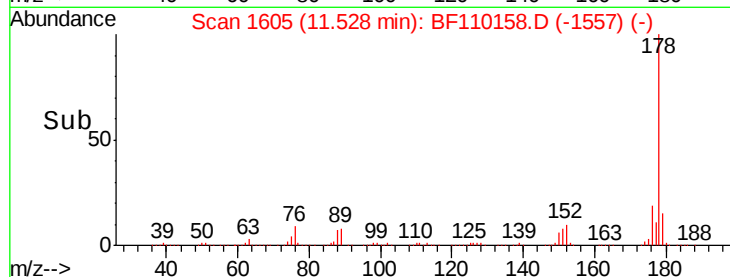
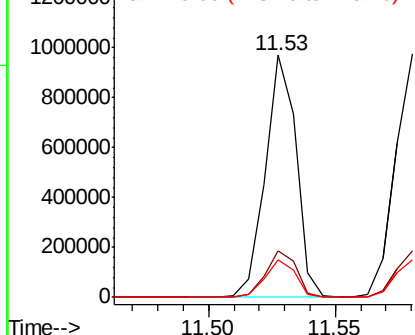
#71
Phenanthrene
Concen: 31.214 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 826688
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.4 12.5 18.7

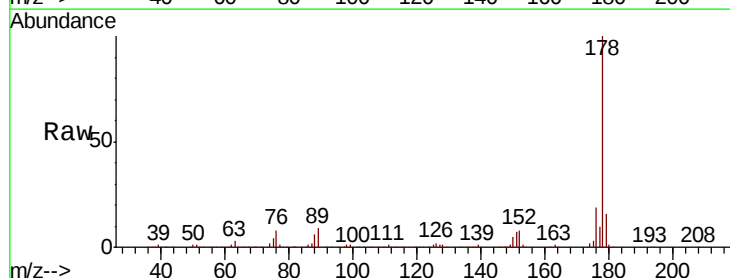


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

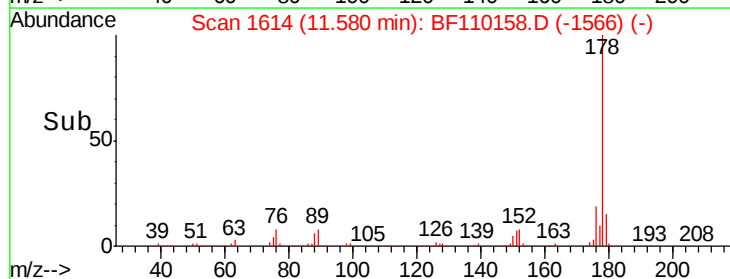
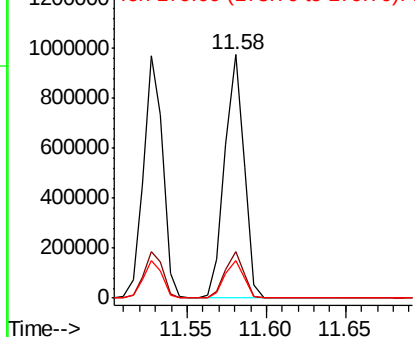


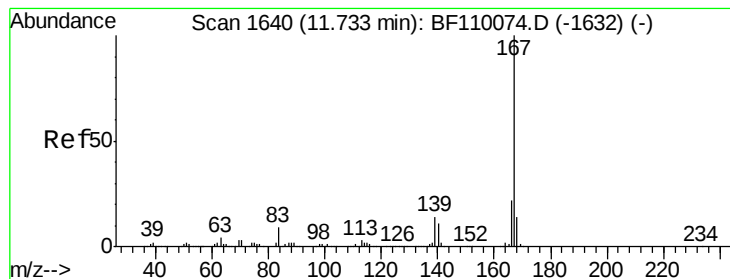
#72
Anthracene
Concen: 31.211 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Tgt Ion:178 Resp: 828547
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 26.253 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

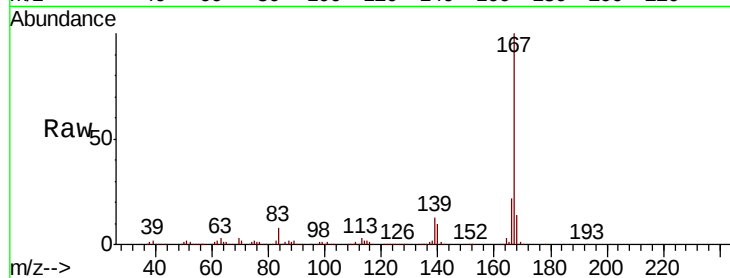
Tot Ion:167 Resp: 680462

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

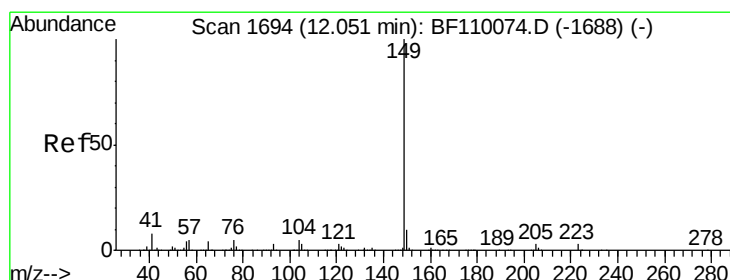
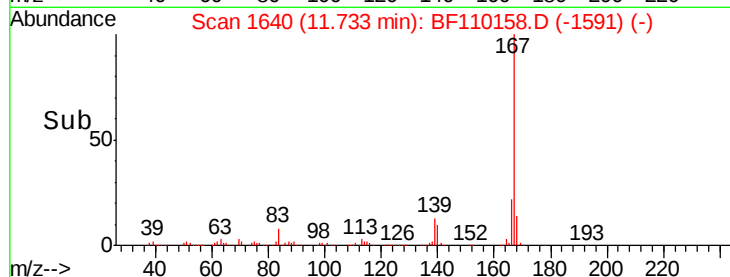
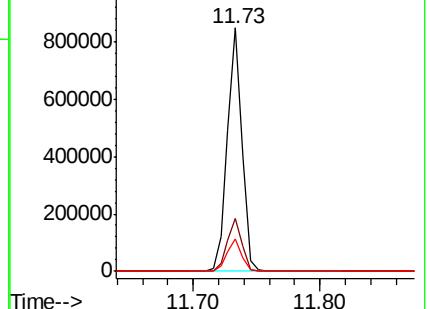
139 13.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 30.501 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

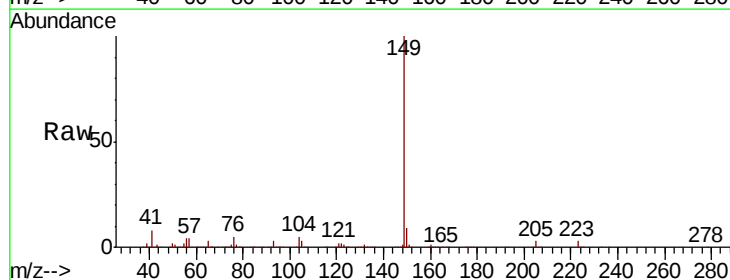
Tgt Ion:149 Resp: 892887

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

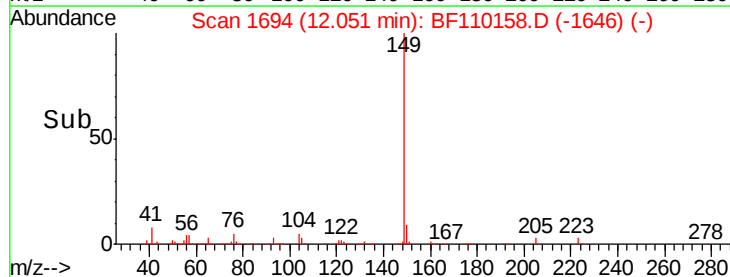
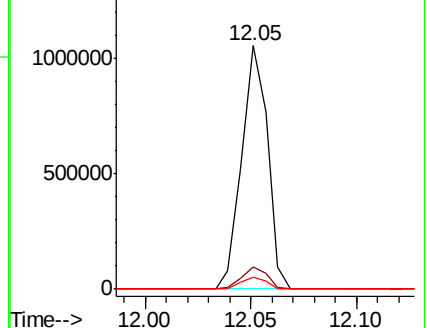
104 5.0 4.2 6.4

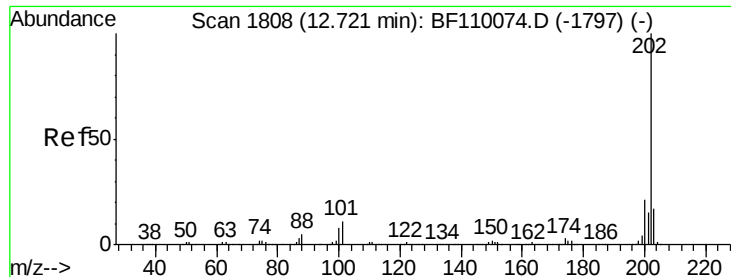


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 26.919 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

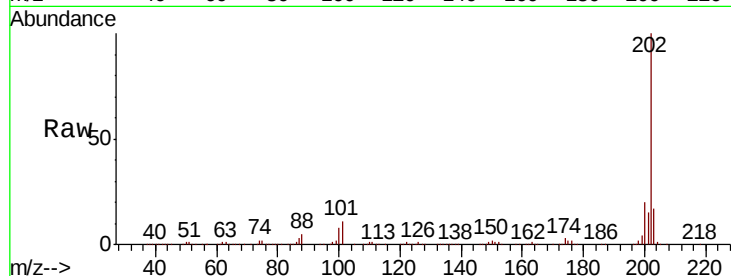
Tot Ion:202 Resp: 723557

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.4

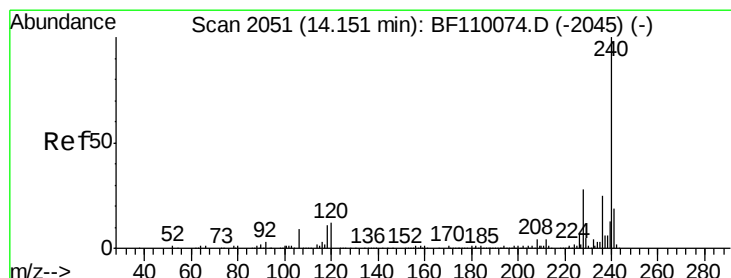
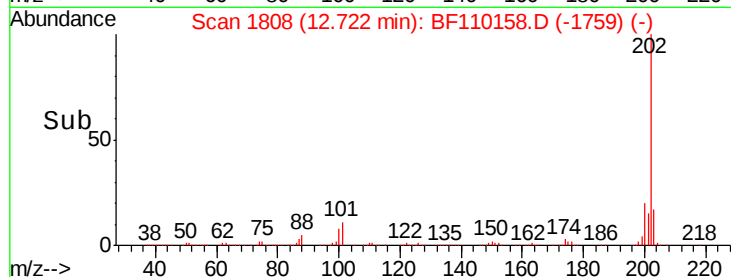
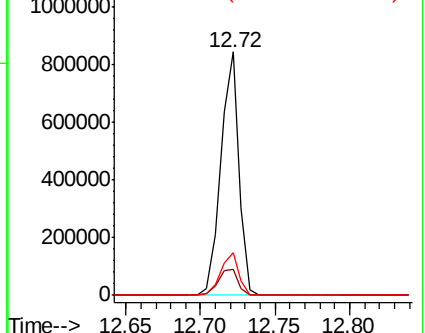
203 17.4 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

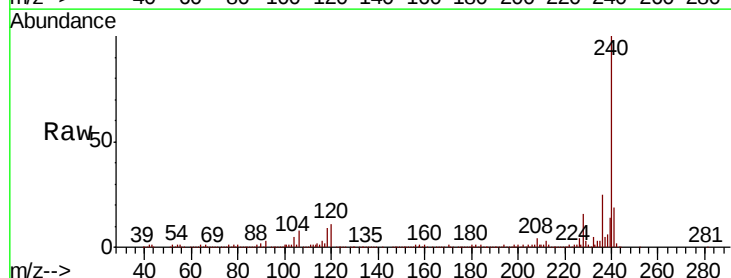
Tgt Ion:240 Resp: 263632

Ion Ratio Lower Upper

240 100

120 10.8 8.3 12.5

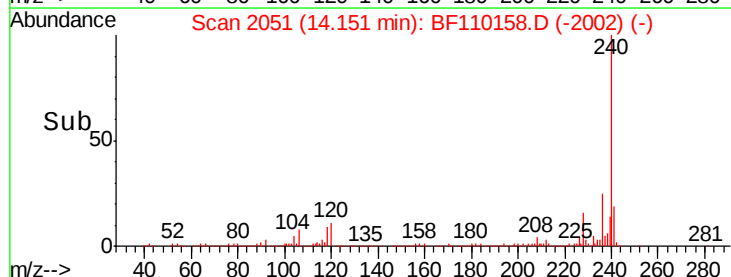
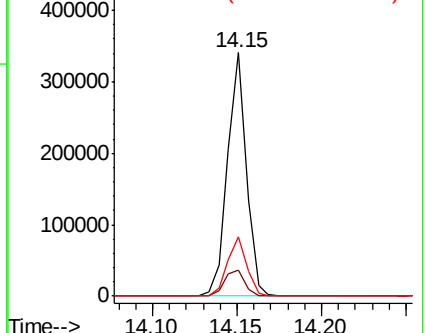
236 24.6 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.482 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

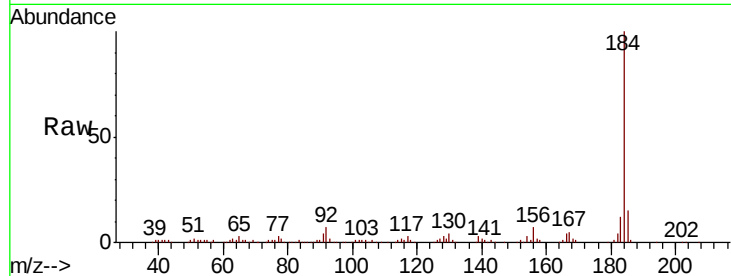
Tot Ion:184 Resp: 161116

Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.4	20.2
183	11.8	9.4	14.2

184 100

185 14.6 13.4 20.2

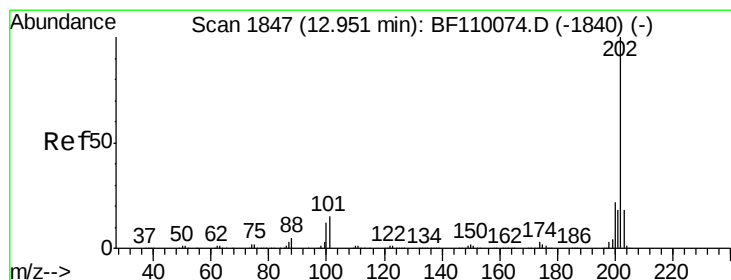
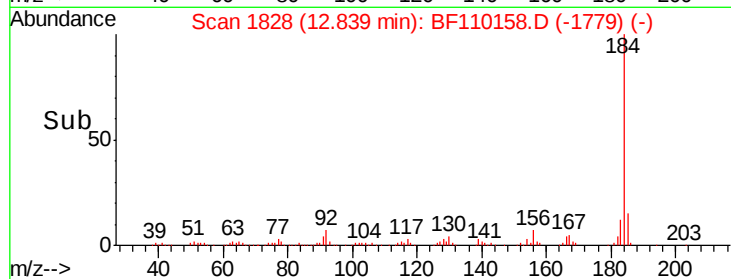
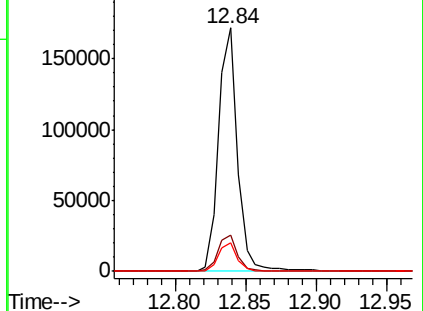
183 11.8 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.478 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

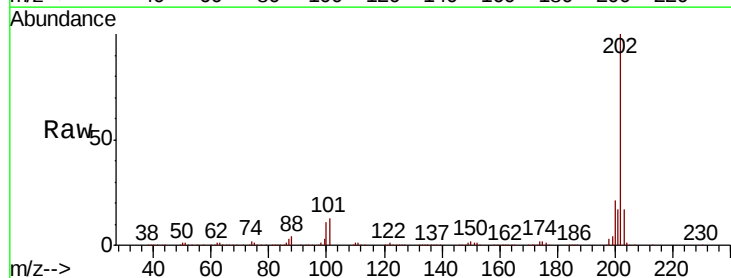
Tgt Ion:202 Resp: 689448

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	17.4	14.2	21.4

202 100

200 20.7 17.8 26.6

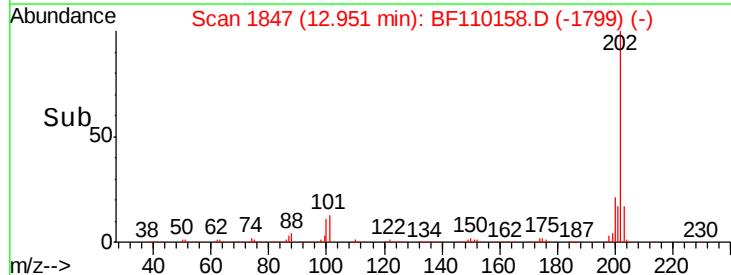
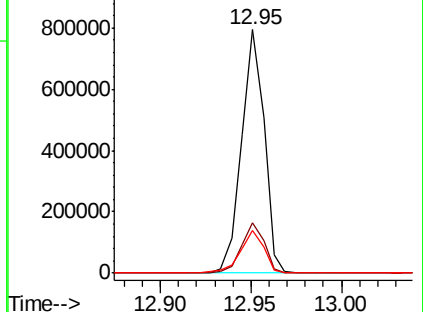
203 17.4 14.2 21.4

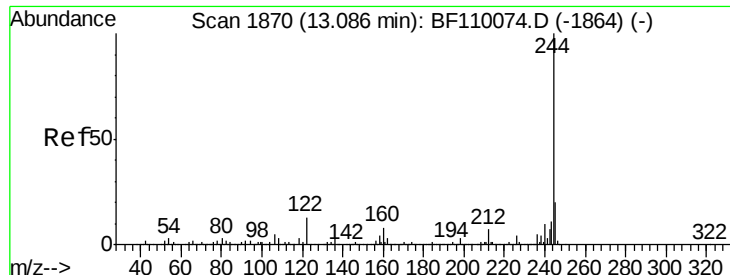


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.110 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampled :

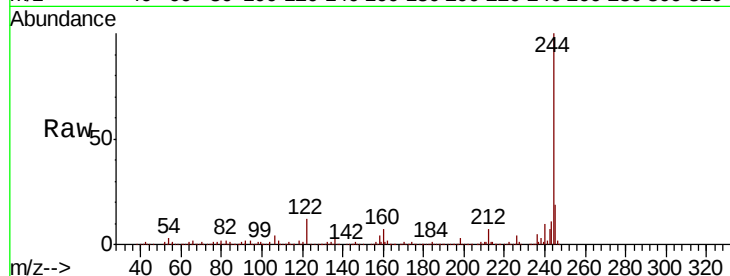
Tot Ion:244 Resp: 939445

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

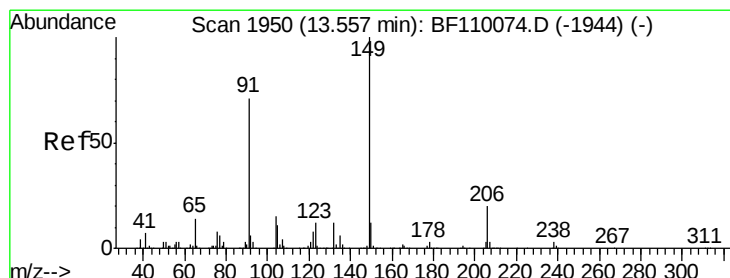
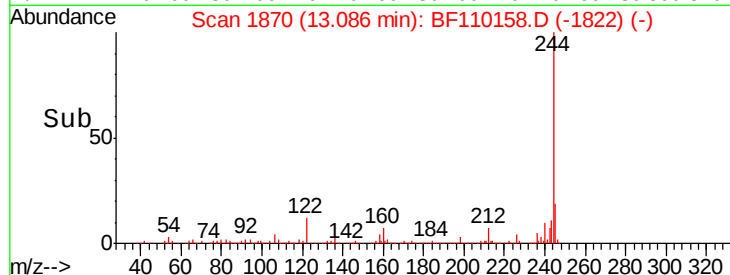
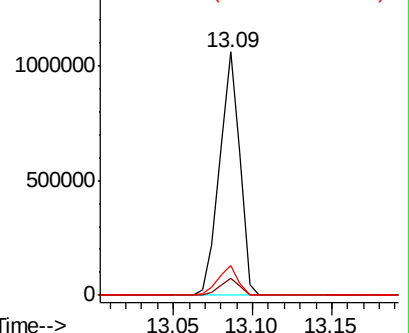
122 12.3 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.636 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

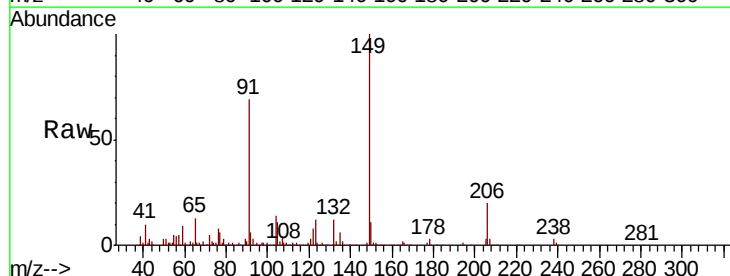
Tgt Ion:149 Resp: 284132

Ion Ratio Lower Upper

149 100

91 69.1 57.2 85.8

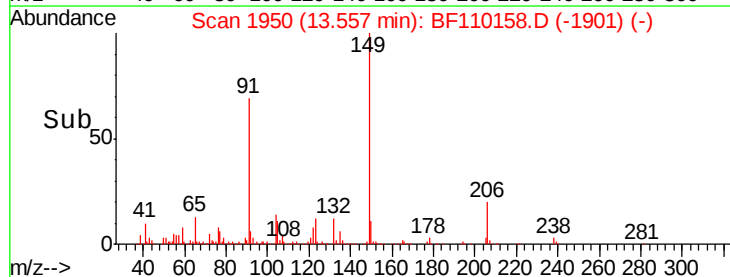
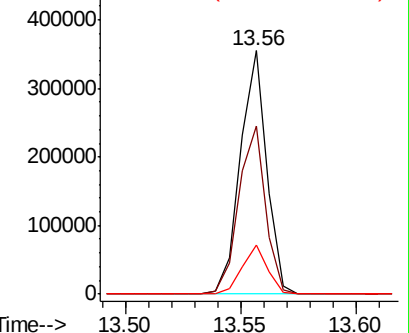
206 20.1 15.7 23.5

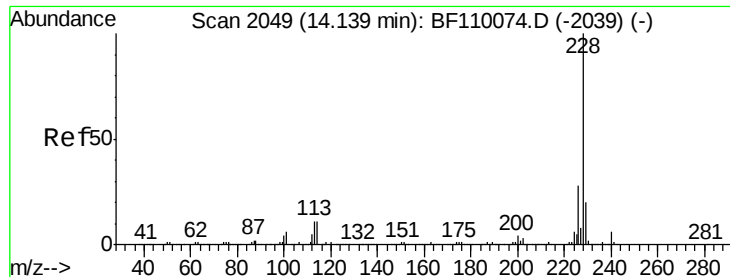


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 30.733 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

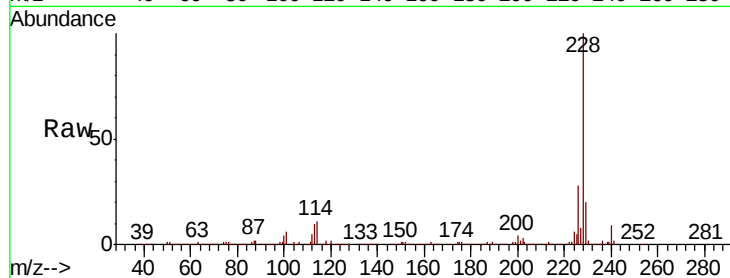
Tot Ion:228 Resp: 480470

Ion Ratio Lower Upper

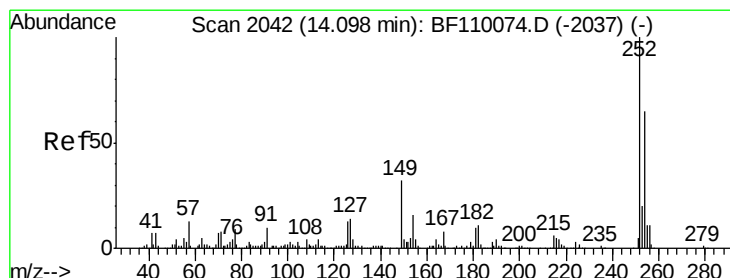
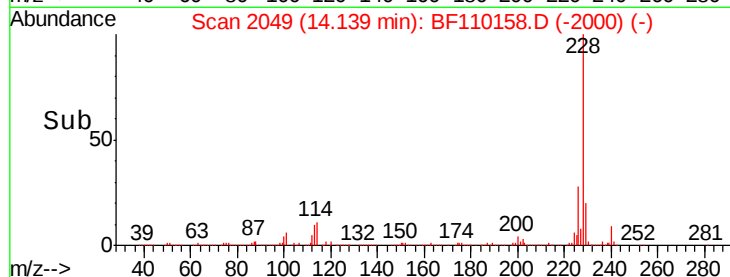
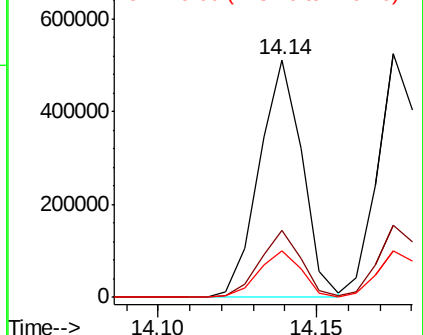
228 100

226 28.0 22.1 33.1

229 19.7 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.962 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

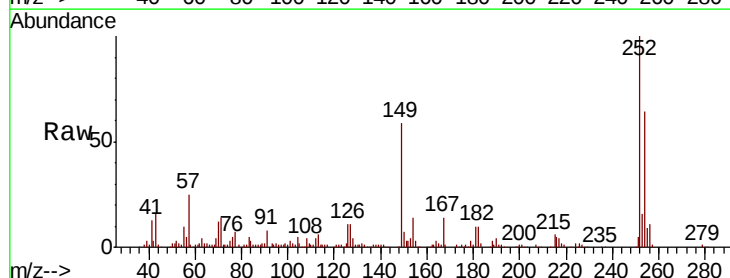
Tgt Ion:252 Resp: 103228

Ion Ratio Lower Upper

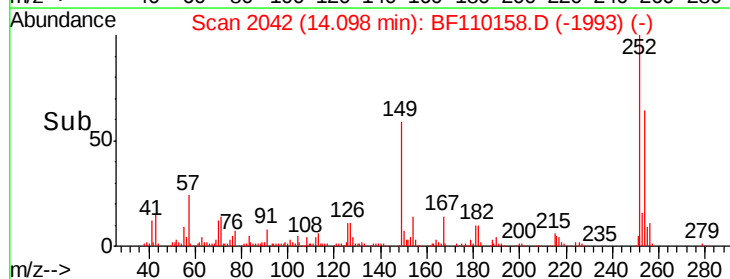
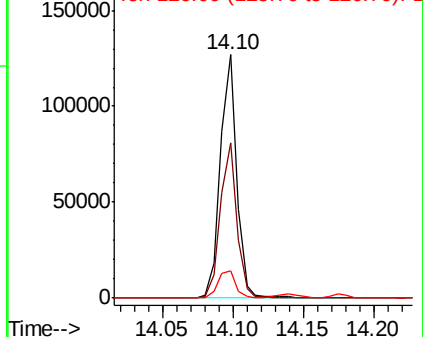
252 100

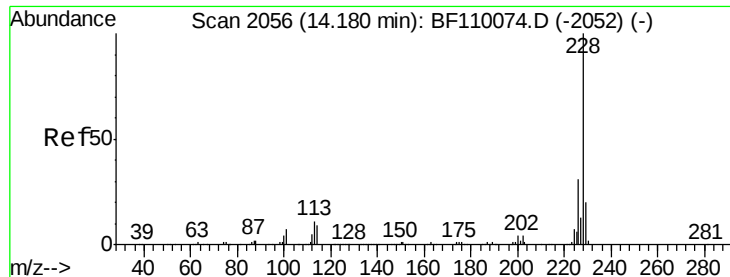
254 63.9 51.3 76.9

126 11.2 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 30.567 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

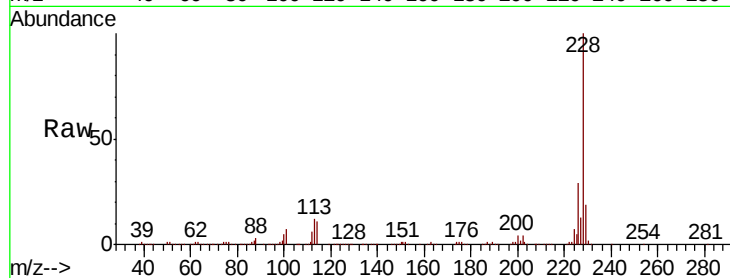
Tot Ion:228 Resp: 453892

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

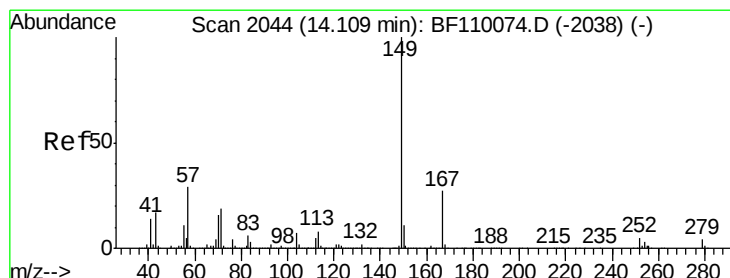
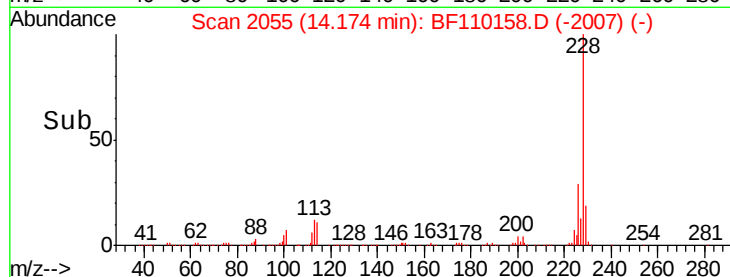
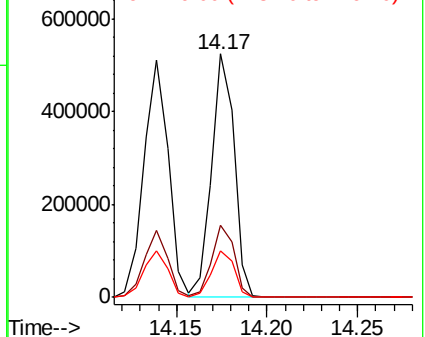
229 19.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.959 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

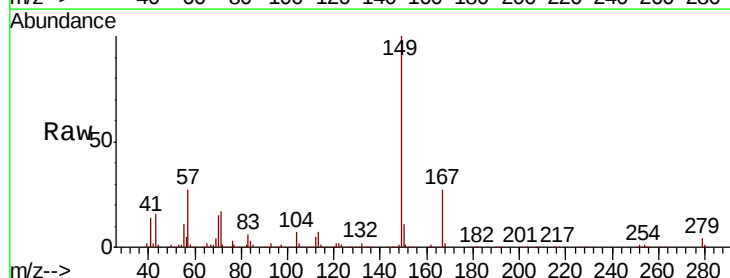
Tgt Ion:149 Resp: 365501

Ion Ratio Lower Upper

149 100

167 27.5 19.8 29.8

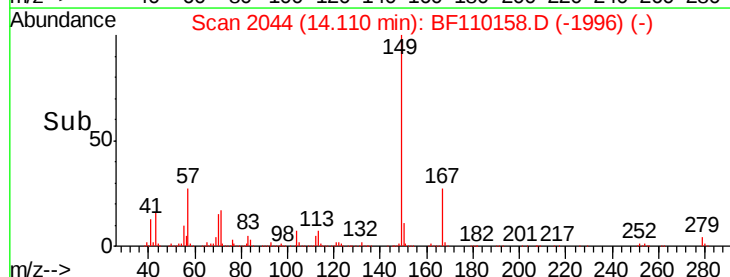
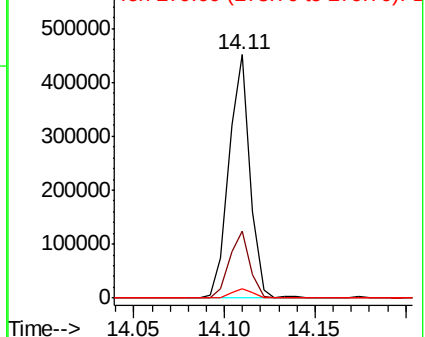
279 3.9 2.7 4.1

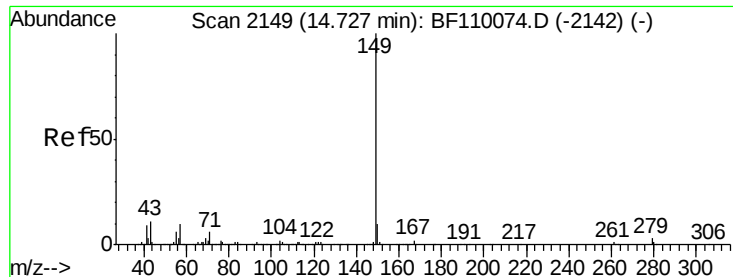


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

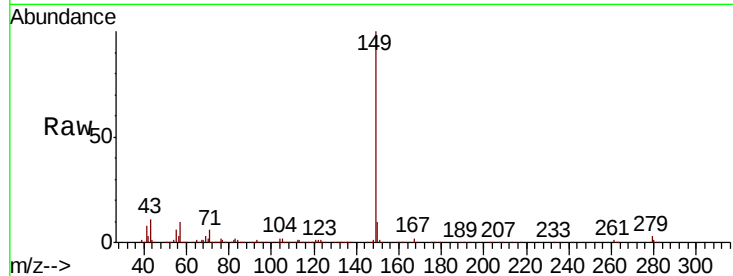




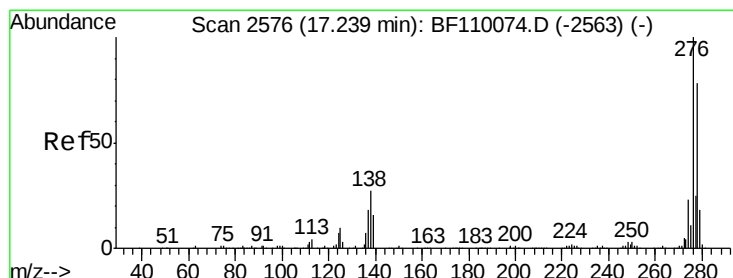
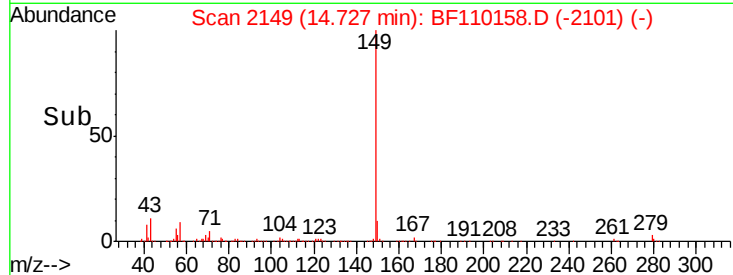
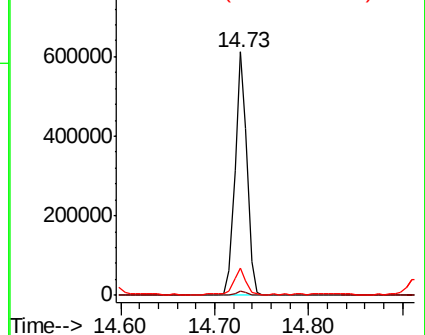
#85
Di-n-octyl phthalate
Concen: 30.937 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 533454
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.6 7.8 11.8

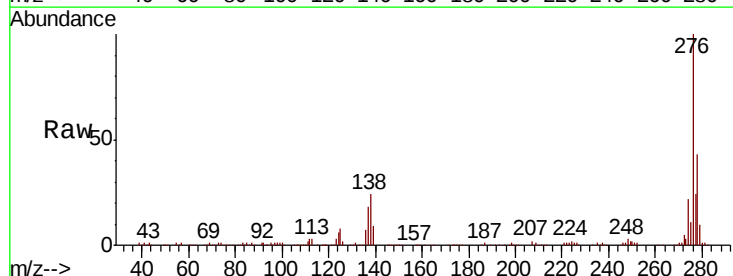


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

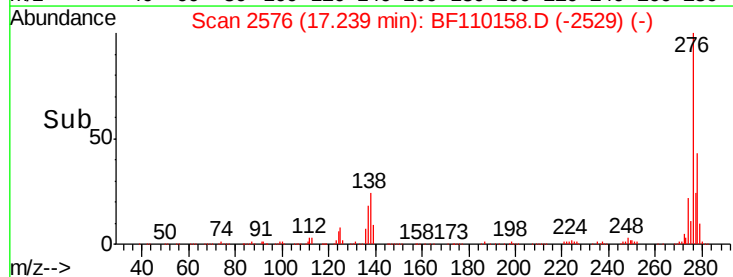
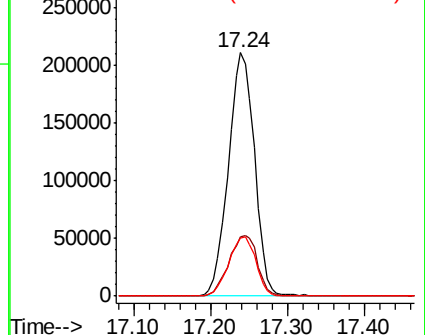


#86
Indeno(1,2,3-cd)pyrene
Concen: 40.663 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Tgt Ion:276 Resp: 500916
Ion Ratio Lower Upper
276 100
138 27.1 18.5 27.7
277 25.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

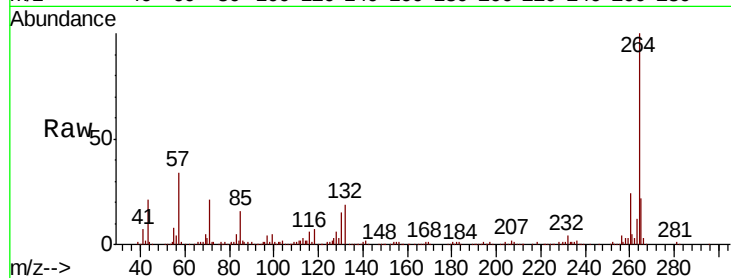
Instrument :

BNA_F

ClientSampled :

Tot Ion:264 Resp: 259352

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.8	16.7	25.1

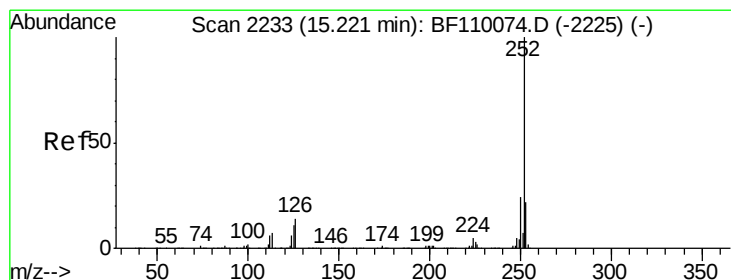
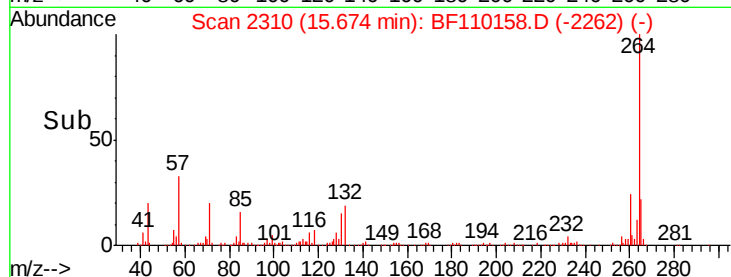
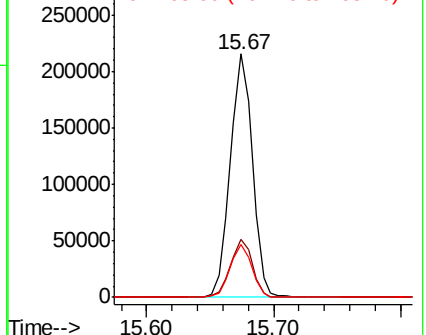


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 30.081 ng

RT: 15.22 min Scan# 2233

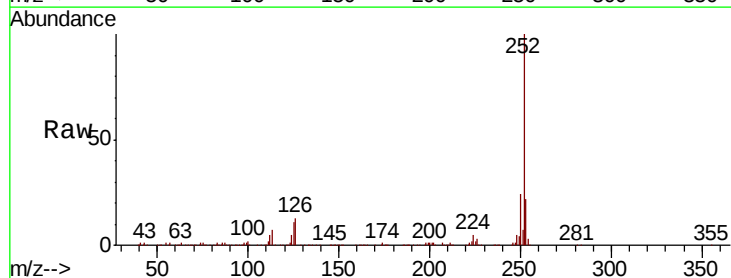
Delta R.T. -0.01 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Tgt Ion:252 Resp: 450512

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.6	8.2	12.4

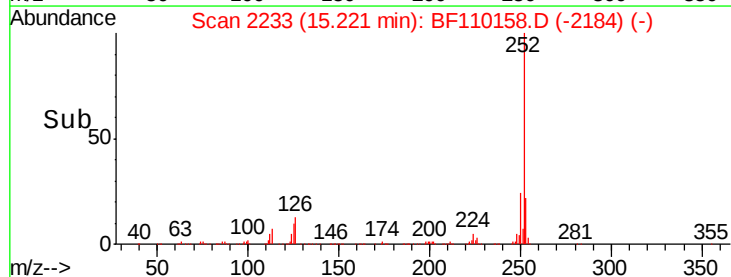
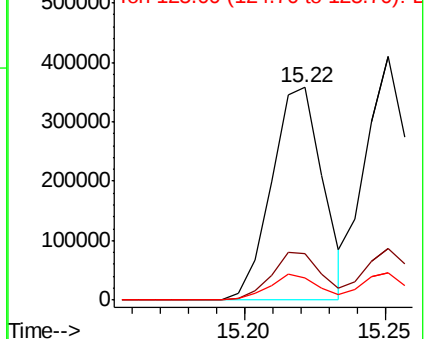


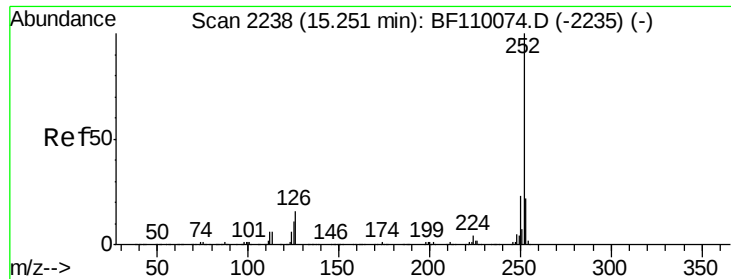
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 30.598 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.05 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

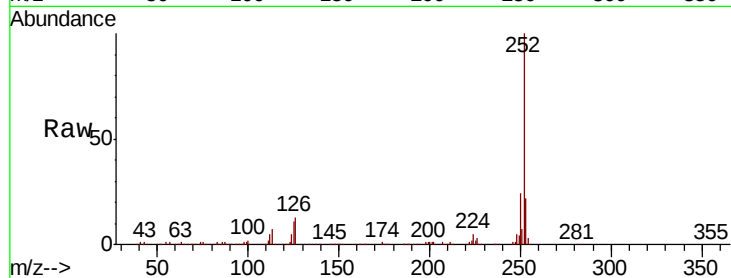
Tot Ion:252 Resp: 450512

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

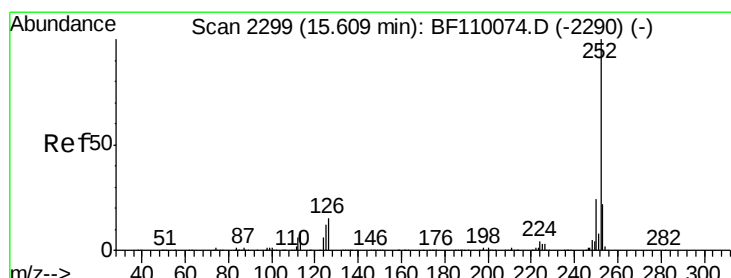
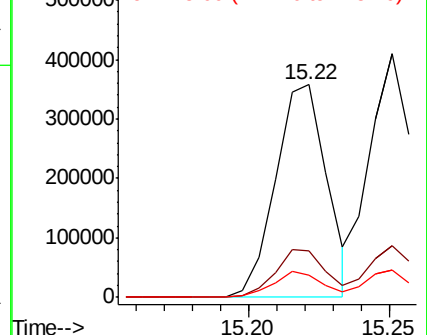
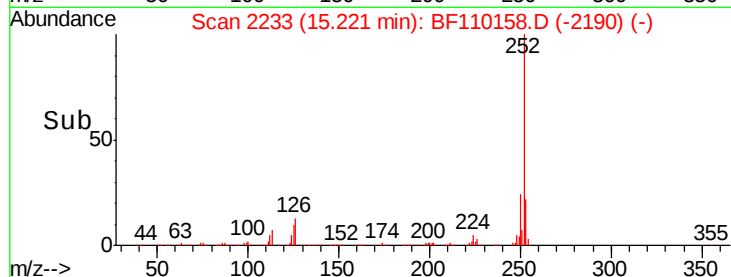
125 10.6 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 31.908 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BF110158.D

Acq: 25 Oct 2018 13:39

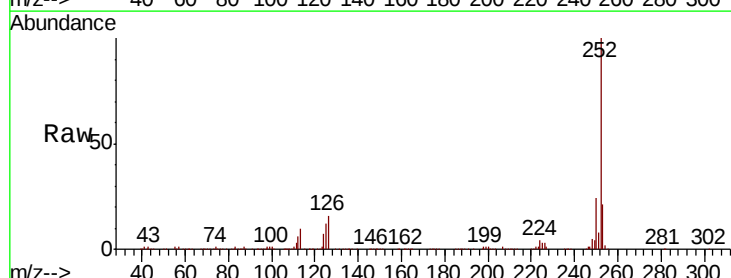
Tgt Ion:252 Resp: 439727

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.4

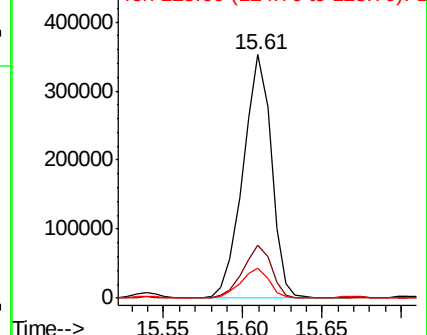
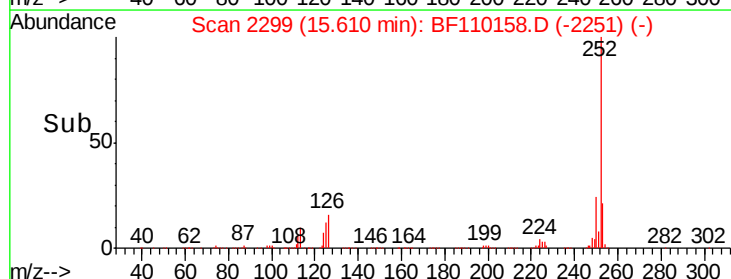
125 12.2 9.0 13.6

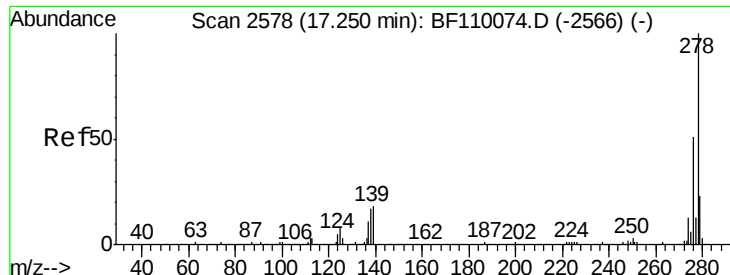


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

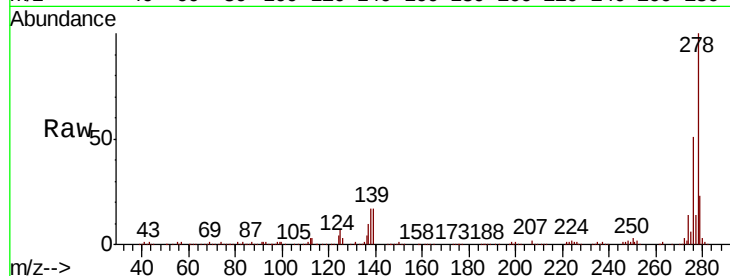




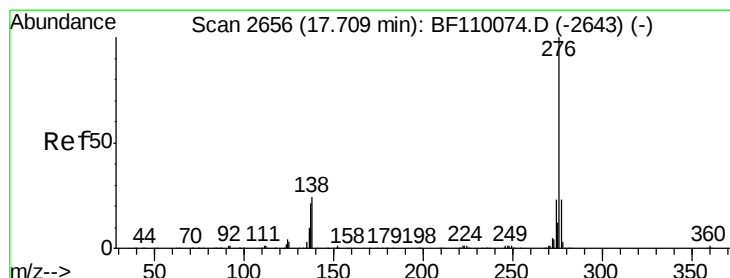
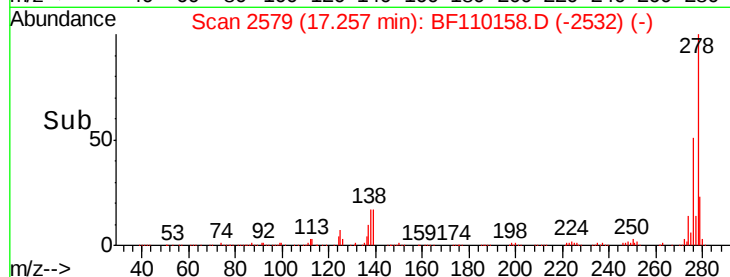
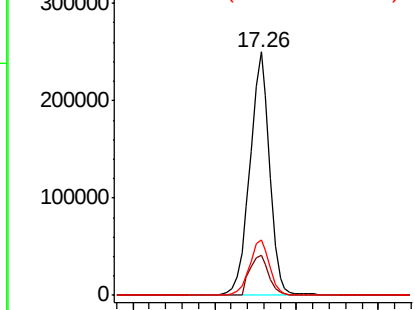
#91
Dibenzo(a,h)anthracene
Concen: 35.534 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.7	19.1
279	23.0	19.0	28.4

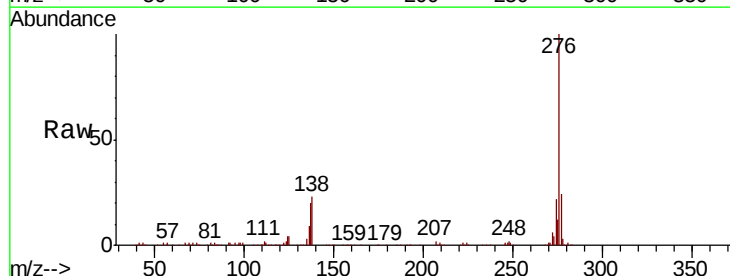


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 34.118 ng
RT: 17.72 min Scan# 2657
Delta R.T. -0.02 min
Lab File: BF110158.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	22.8	16.0	24.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

